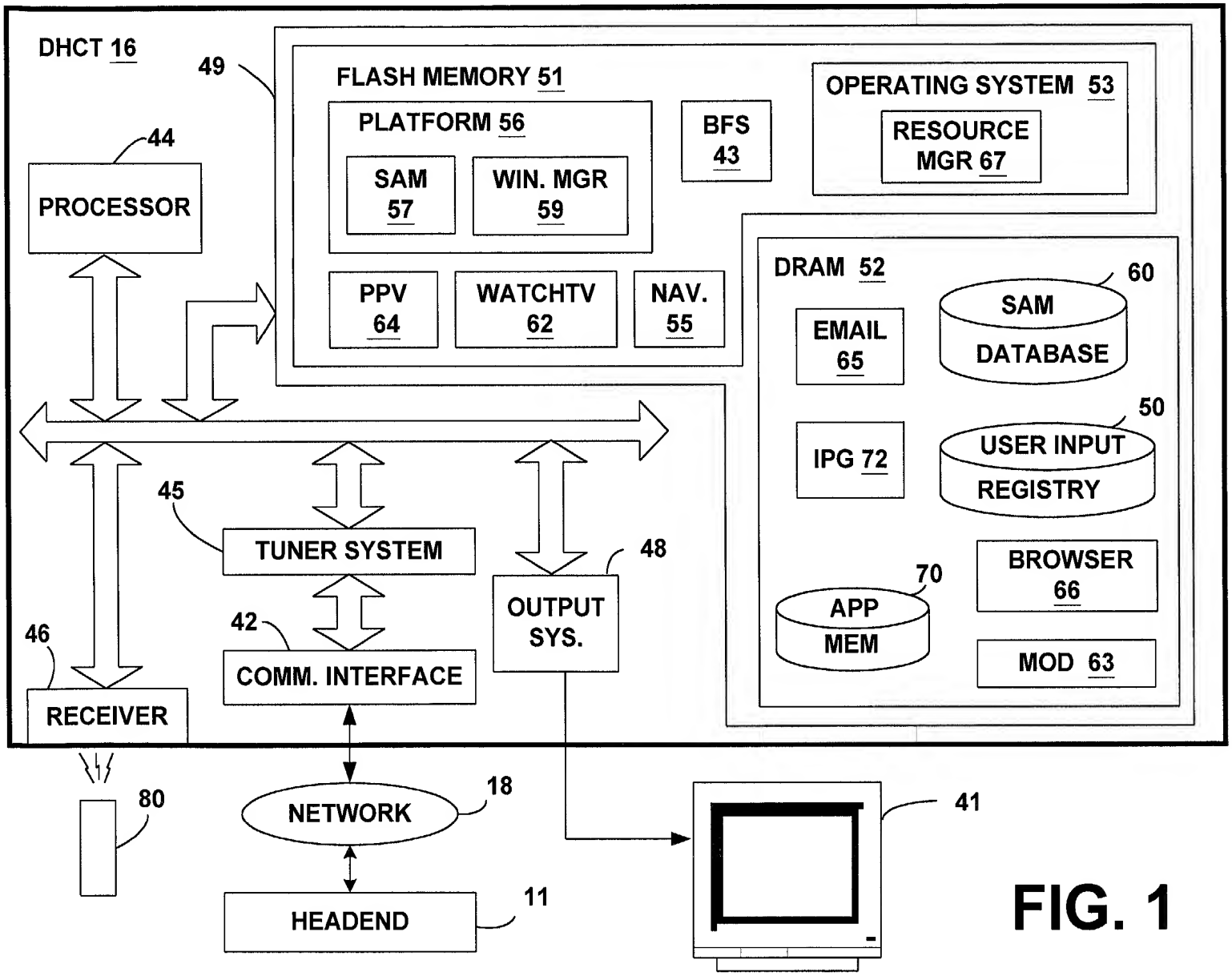

DHCT 16
49
FLASH MEMORY 51
PLATFORM 56
SAM 57
WIN. MGR 59
BFS 43
OPERATING SYSTEM 53
RESOURCE MGR 67
44
PROCESSOR
PPV 64
WATCHTV 62
NAV. 55
DRAM 52
60
SAM DATABASE
EMAIL 65
50
USER INPUT REGISTRY
IPG 72
45
TUNER SYSTEM
48
OUTPUT SYS.
BROWSER 66
70
APP MEM
42
COMM. INTERFACE
MOD 63
46
RECEIVER
80
NETWORK
18
41
HEADEND
11

FIG. 1

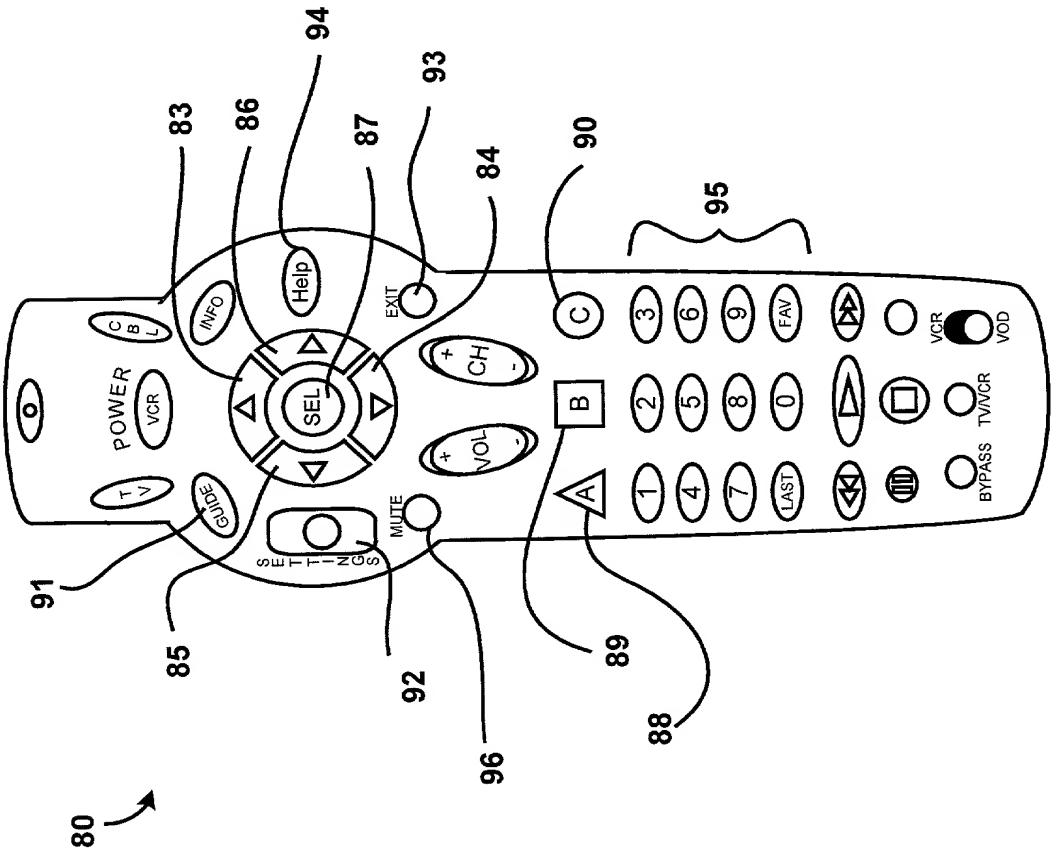

80
91
85
92
96
88
89
90
84
93
94
86
83
95
POWER
VCR
TV
GUIDE
INFO
Help
EXIT
SEL
SETTINGS
MUTE
CH
VOL
A
B
C
1
2
3
4
5
6
7
8
9
0
FAV
LAST
VCR
VOD
TV/VCR
BYPASS

FIG. 2

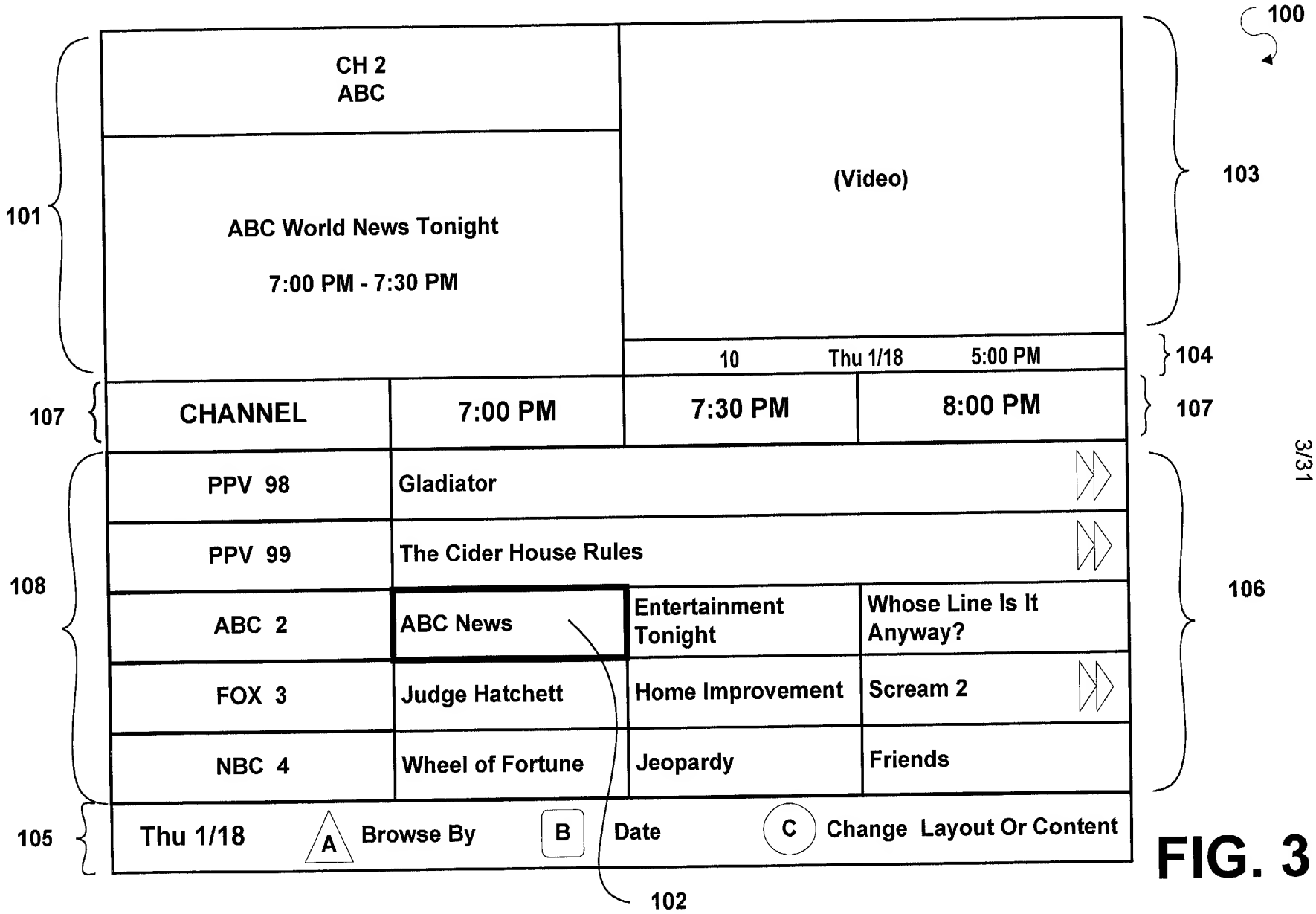

100
CH 2
ABC
(Video)
ABC World News Tonight
7:00 PM - 7:30 PM
101
103
10 Thu 1/18 5:00 PM
104
CHANNEL
7:00 PM
7:30 PM
8:00 PM
107
107
PPV 98
Gladiator
PPV 99
The Cider House Rules
108
106
ABC 2
ABC News
Entertainment Tonight
Whose Line Is It Anyway?
FOX 3
Judge Hatchett
Home Improvement
Scream 2
NBC 4
Wheel of Fortune
Jeopardy
Friends
105
Thu 1/18
A
Browse By
B
Date
C
Change Layout Or Content
102

FIG. 3

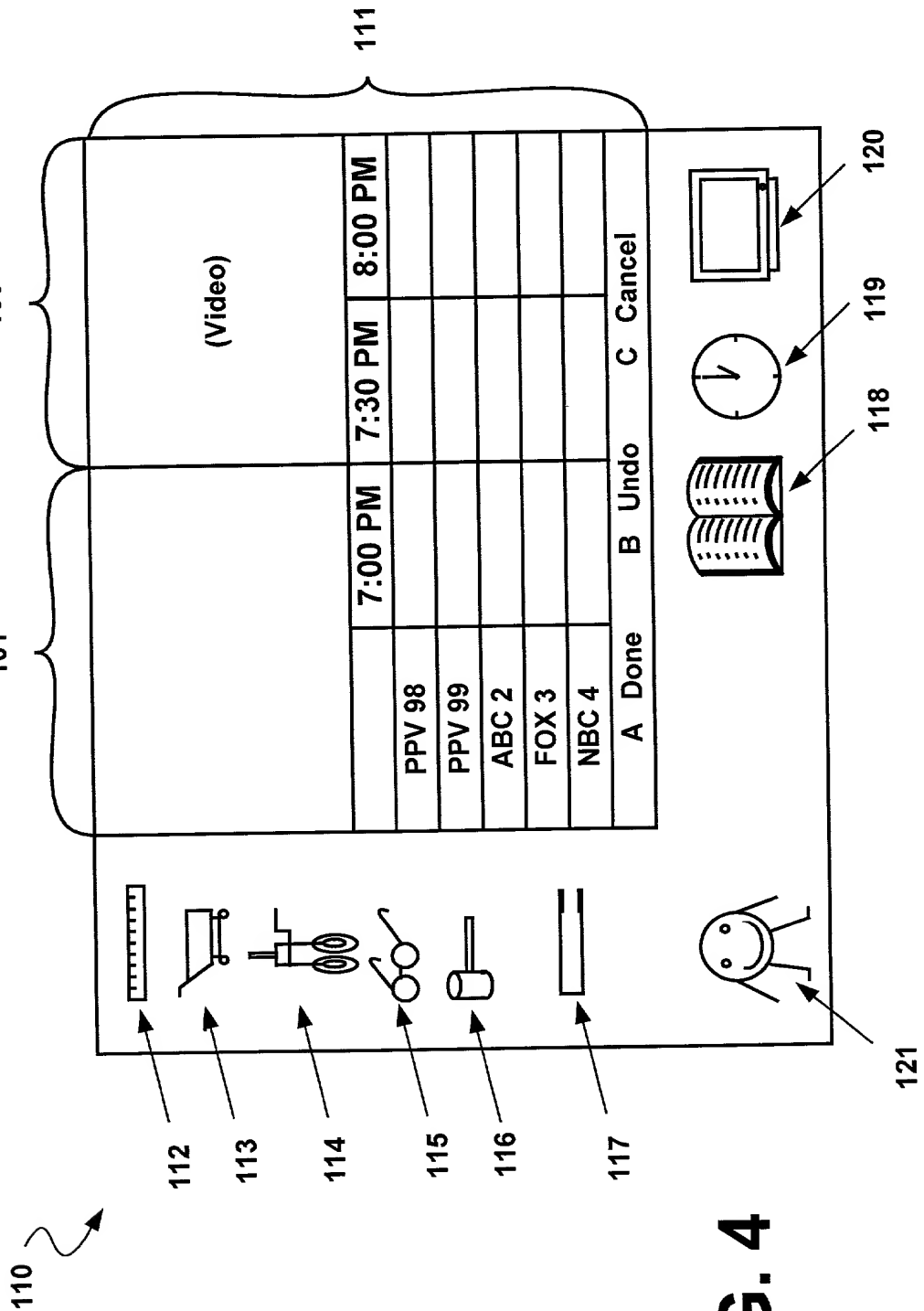

110
111
103
101
(Video)
7:00 PM
7:30 PM
8:00 PM
PPV 98
PPV 99
ABC 2
FOX 3
NBC 4
A Done
B Undo
C Cancel
112
113
114
115
116
117
118
119
120
121

FIG. 4

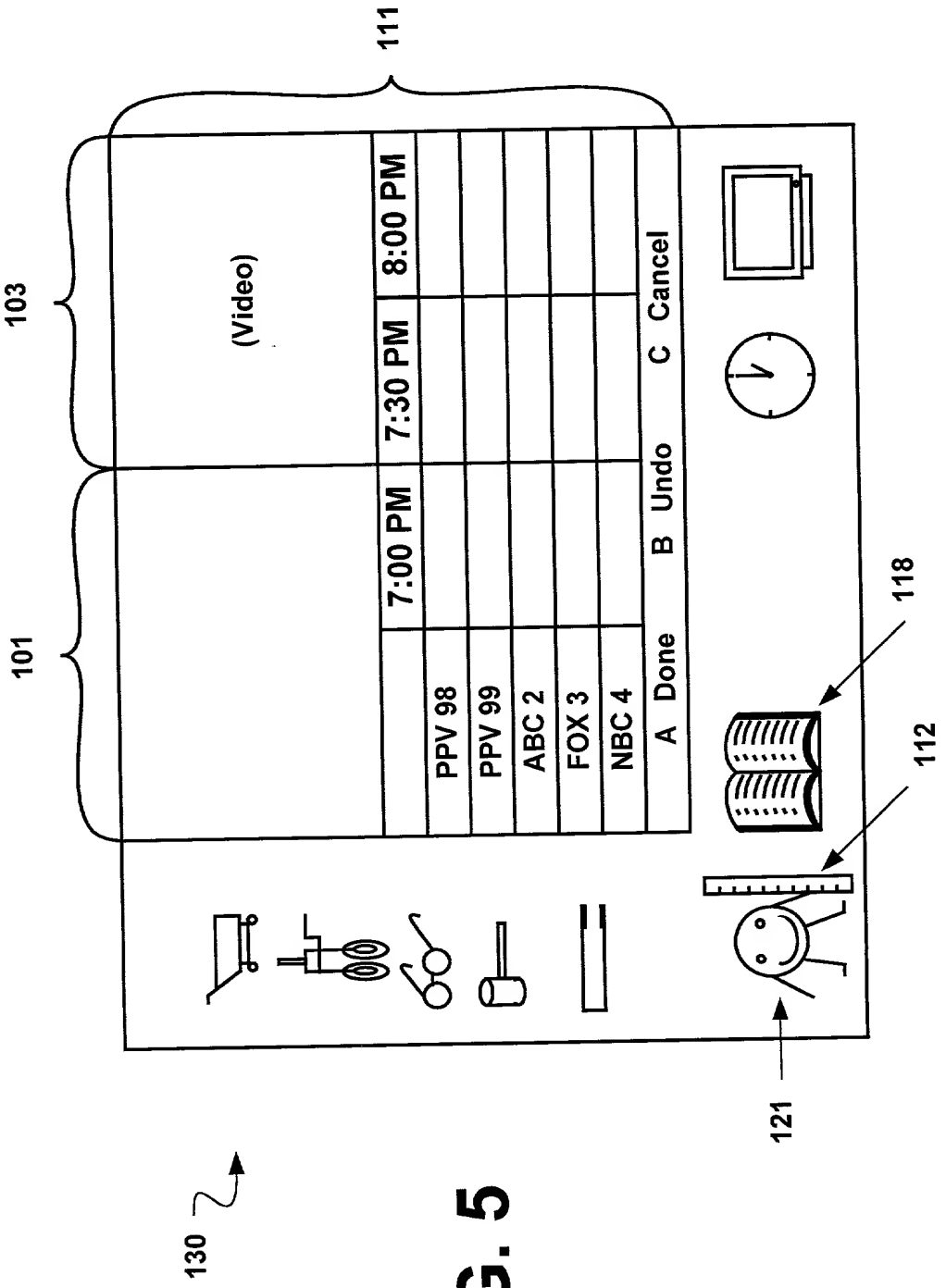

111
103
101
(Video)
7:00 PM
7:30 PM
8:00 PM
PPV 98
PPV 99
ABC 2
FOX 3
NBC 4
A Done
B Undo
C Cancel
118
112
121
130

FIG. 5

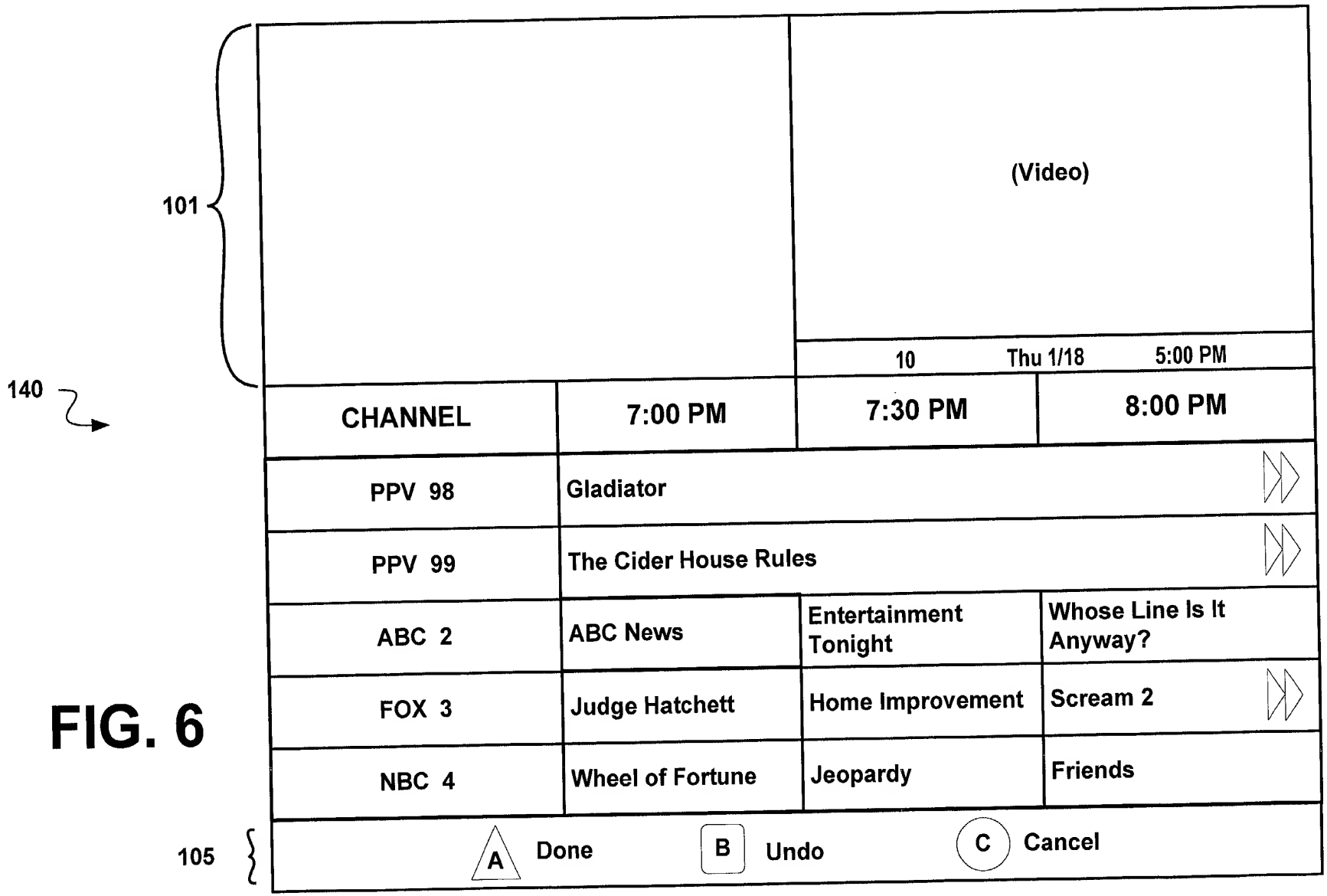

101
(Video)
10 Thu 1/18 5:00 PM
140
CHANNEL
7:00 PM
7:30 PM
8:00 PM
PPV 98
Gladiator
PPV 99
The Cider House Rules
ABC 2
ABC News
Entertainment Tonight
Whose Line Is It Anyway?
FOX 3
Judge Hatchett
Home Improvement
Scream 2
NBC 4
Wheel of Fortune
Jeopardy
Friends
105
A Done
B Undo
C Cancel

FIG. 6

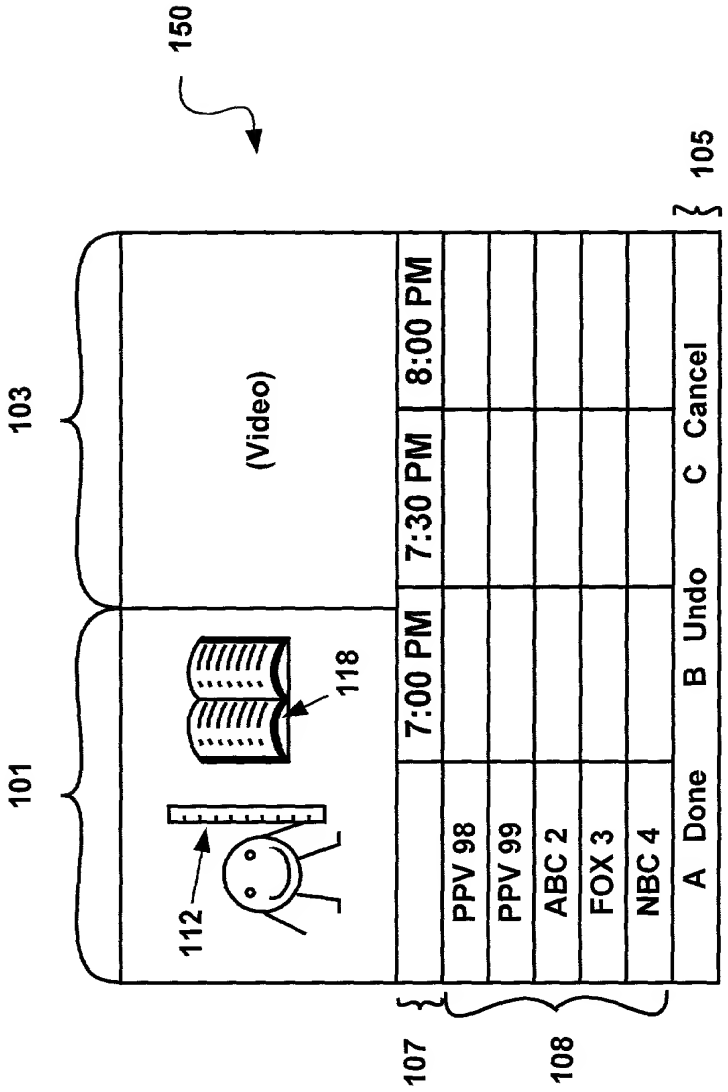

150
101
103
105
(Video)
112
118
7:00 PM
7:30 PM
8:00 PM
PPV 98
PPV 99
ABC 2
FOX 3
NBC 4
A Done
B Undo
C Cancel
107
108

FIG. 7A

FIG. 7B

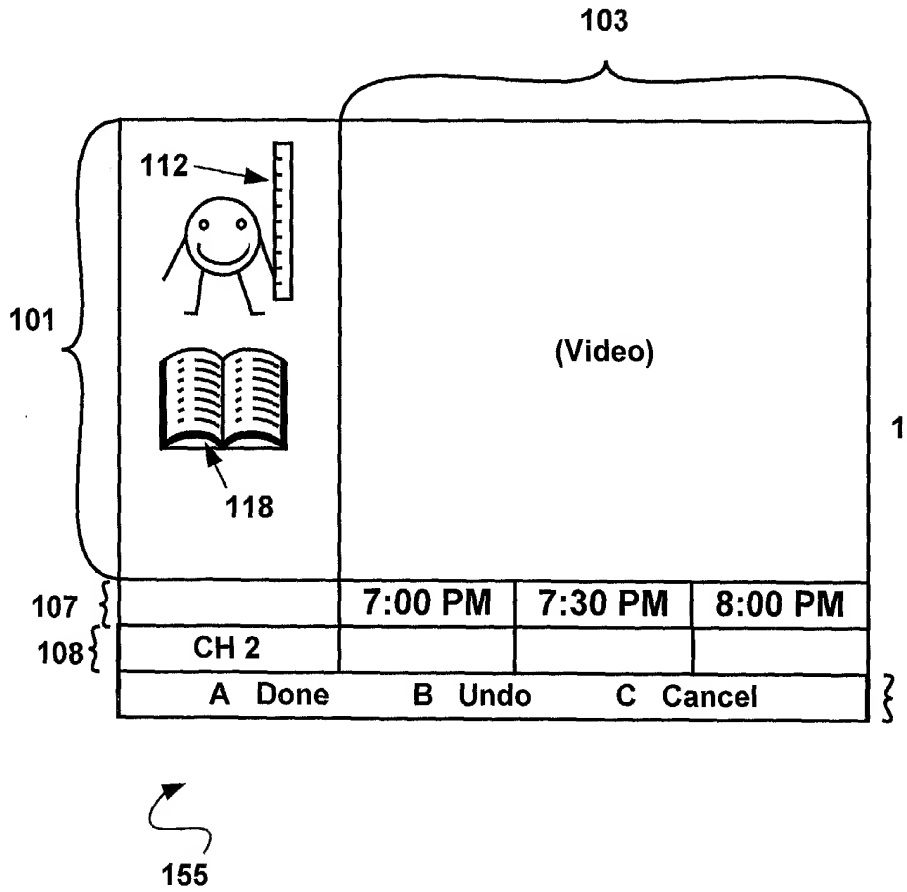
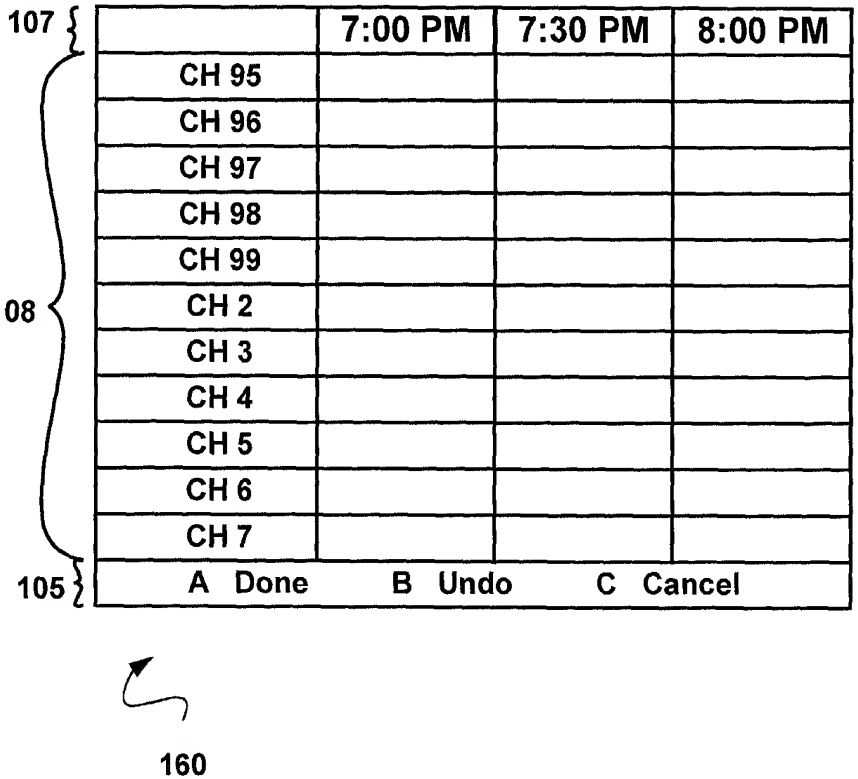

103
112
101
(Video)
118
107
7:00 PM
7:30 PM
8:00 PM
108
CH 2
A Done
B Undo
C Cancel
155

FIG. 7C


107
7:00 PM
7:30 PM
8:00 PM
CH 95
CH 96
CH 97
CH 98
CH 99
108
CH 2
CH 3
CH 4
CH 5
CH 6
CH 7
105
A Done
B Undo
C Cancel
160

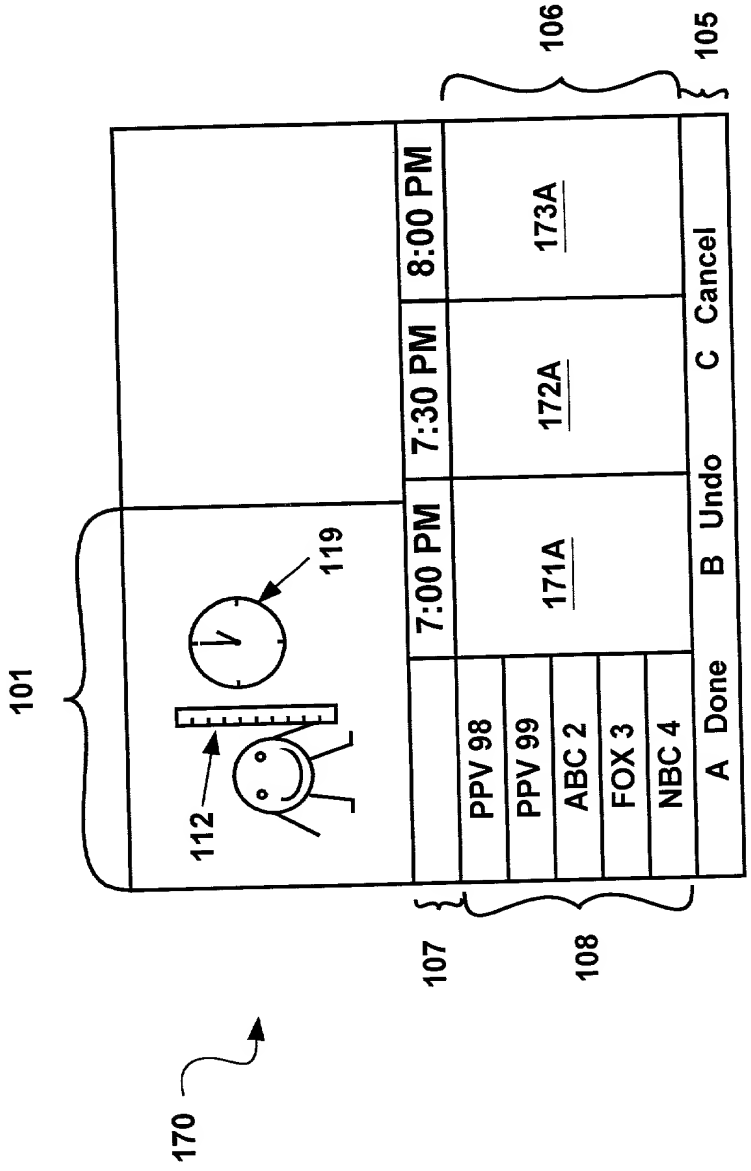

101
112
119
7:00 PM
7:30 PM
8:00 PM
171A
172A
173A
106
105
PPV 98
PPV 99
ABC 2
FOX 3
NBC 4
A Done
B Undo
C Cancel
107
108
170
170

FIG. 8A

FIG. 8B

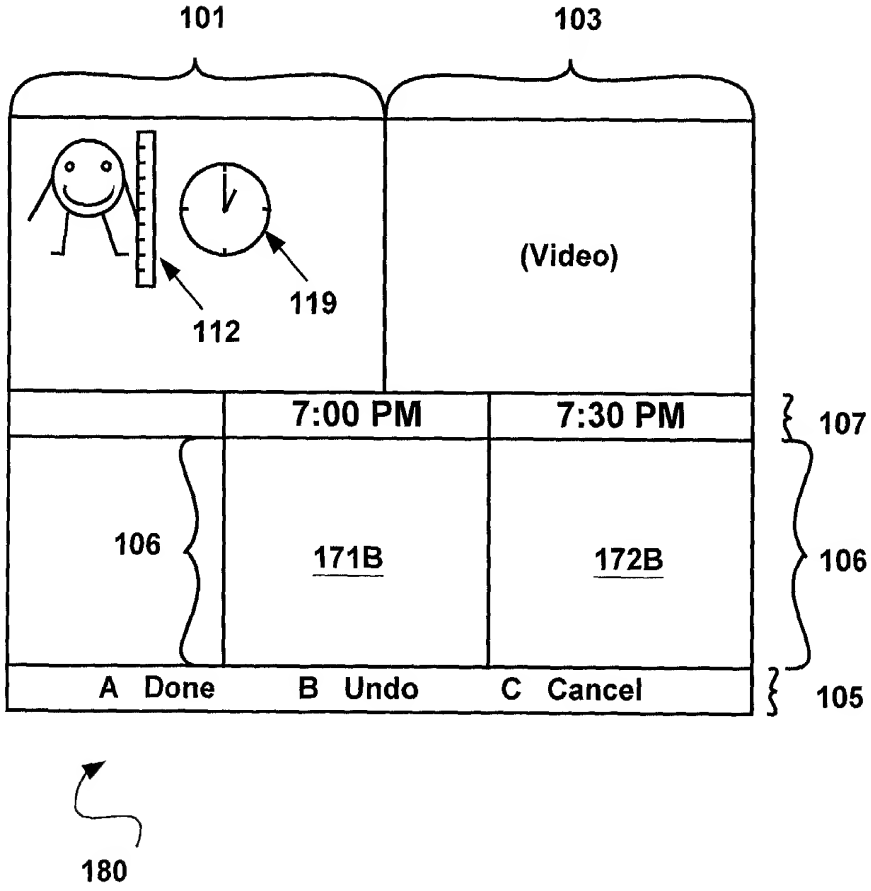

101
103
(Video)
112
119
7:00 PM
7:30 PM
107
106
171B
172B
106
A Done
B Undo
C Cancel
105
180

FIG. 8C

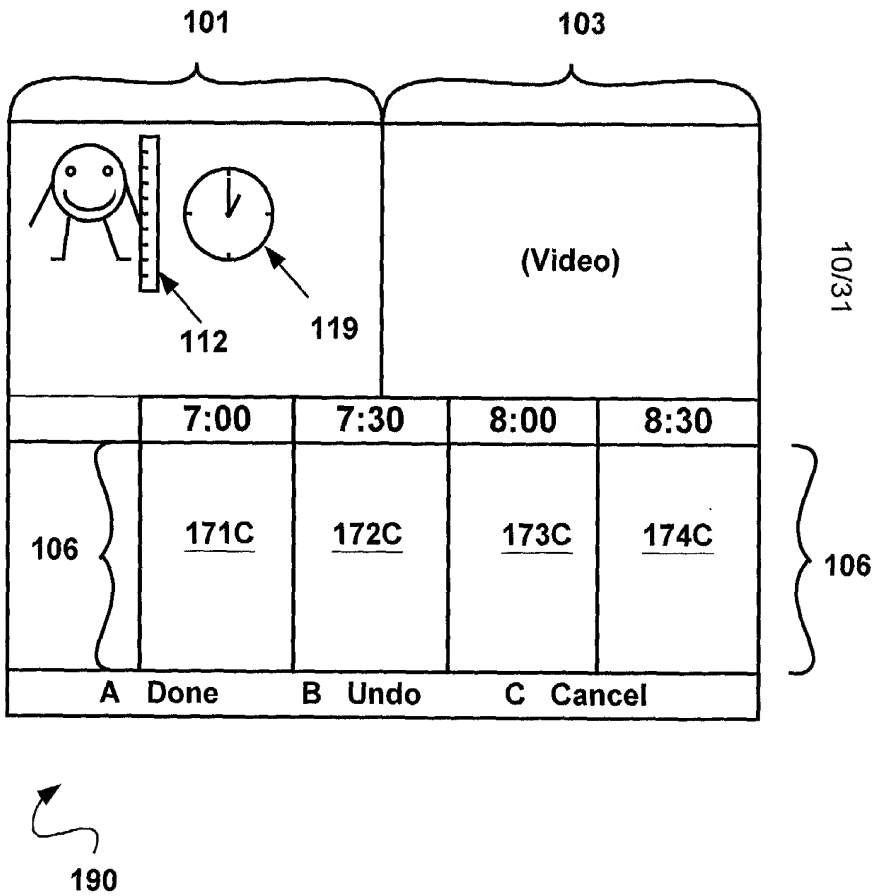

101
103
(Video)
112
119
7:00
7:30
8:00
8:30
106
171C
172C
173C
174C
106
A Done
B Undo
C Cancel
190

FIG. 8D

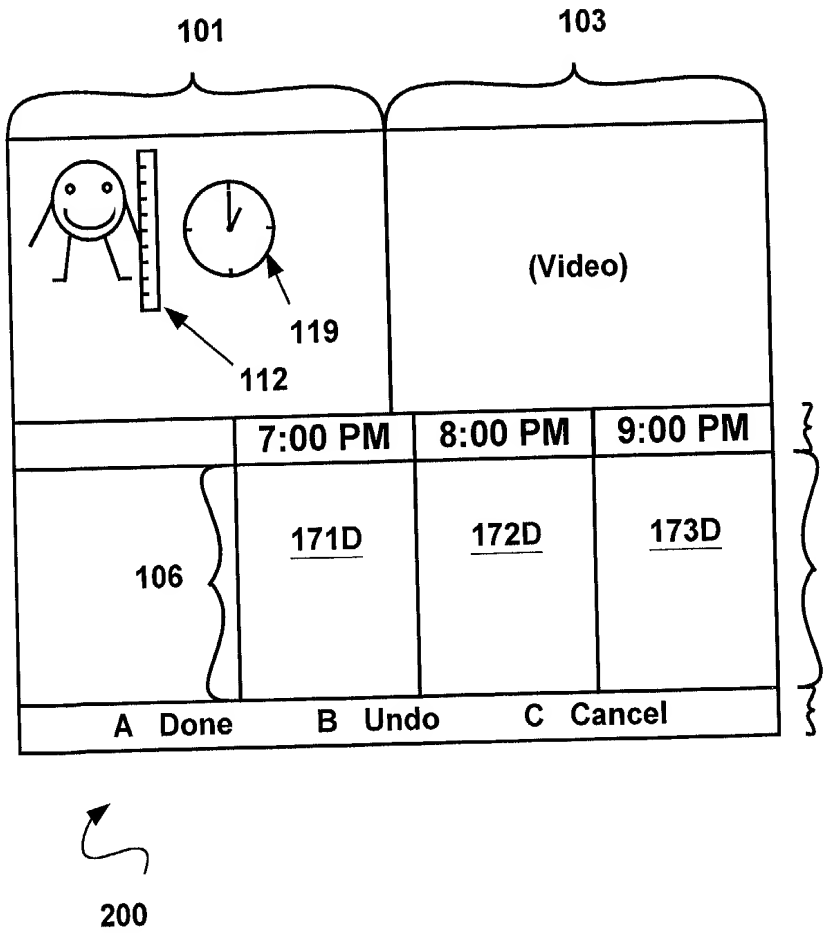
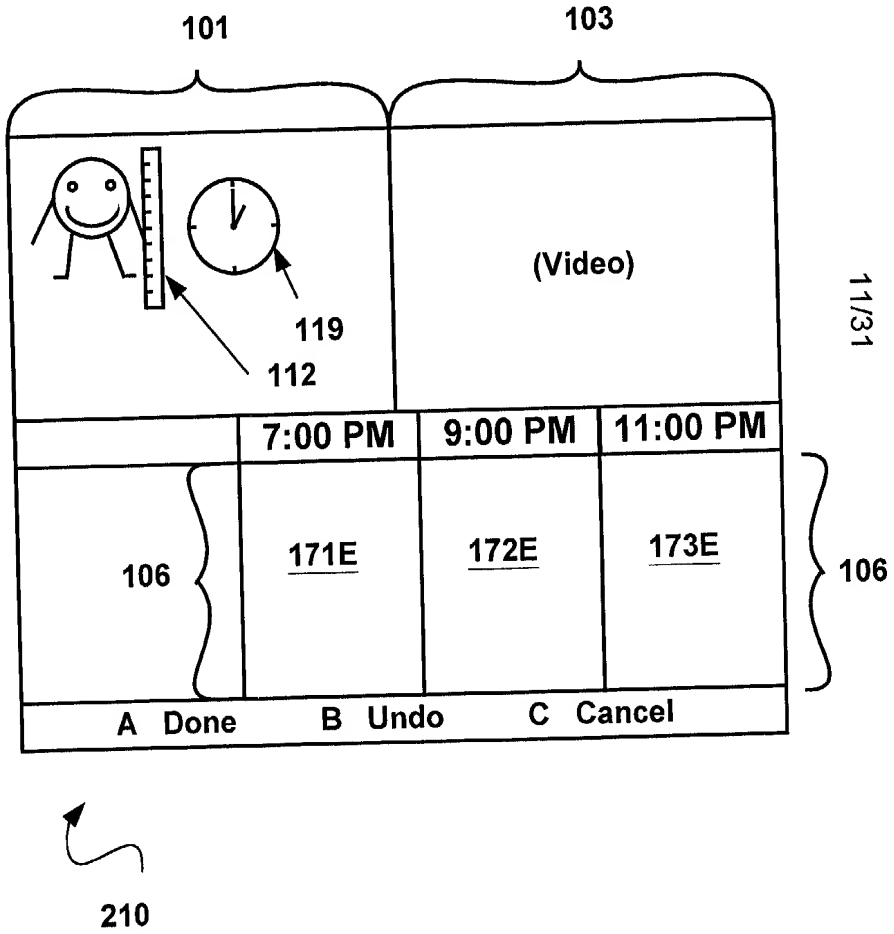

101
103
(Video)
119
112
7:00 PM
8:00 PM
9:00 PM
107
106
171D
172D
173D
106
A Done
B Undo
C Cancel
105
200

FIG. 8E


101
103
(Video)
119
112
7:00 PM
9:00 PM
11:00 PM
106
171E
172E
173E
106
A Done
B Undo
C Cancel
210

TO2080 PTTh2660

FIG. 9A

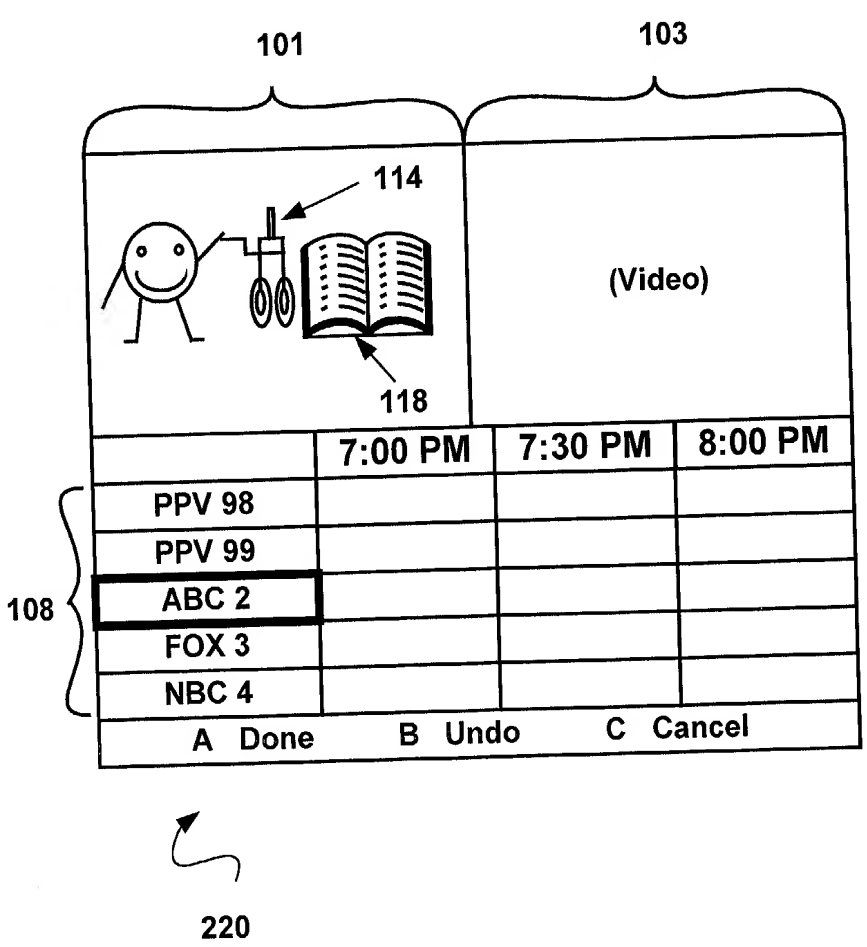


FIG. 9B

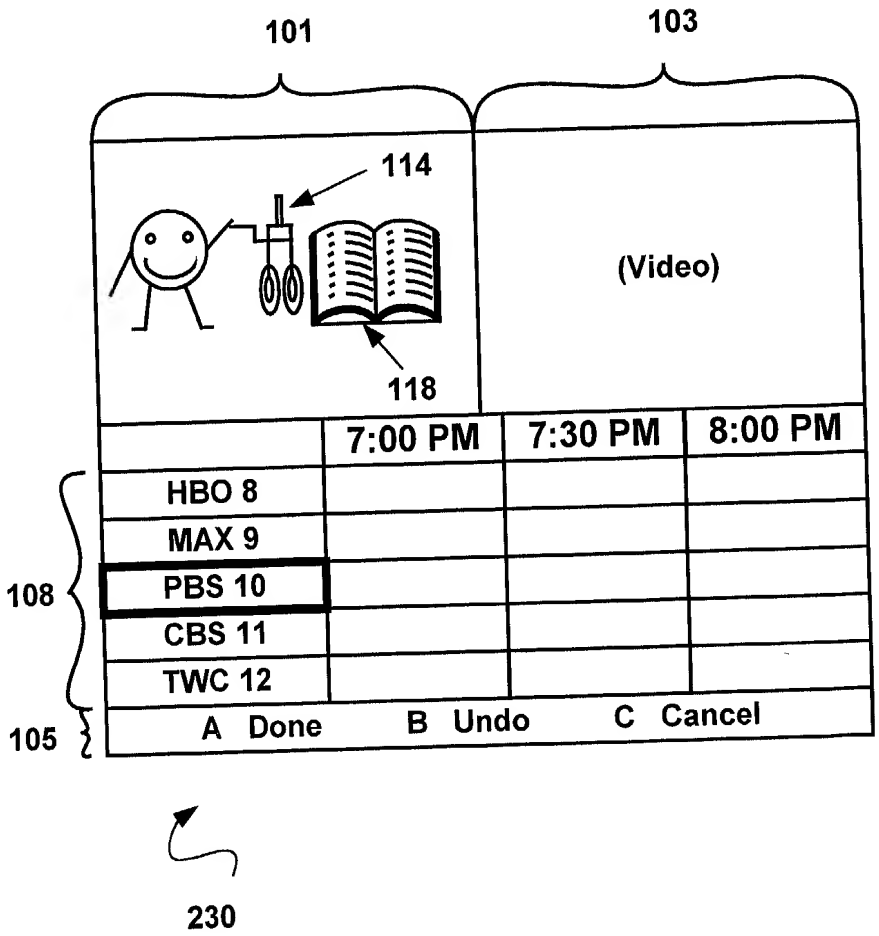


FIG. 9C

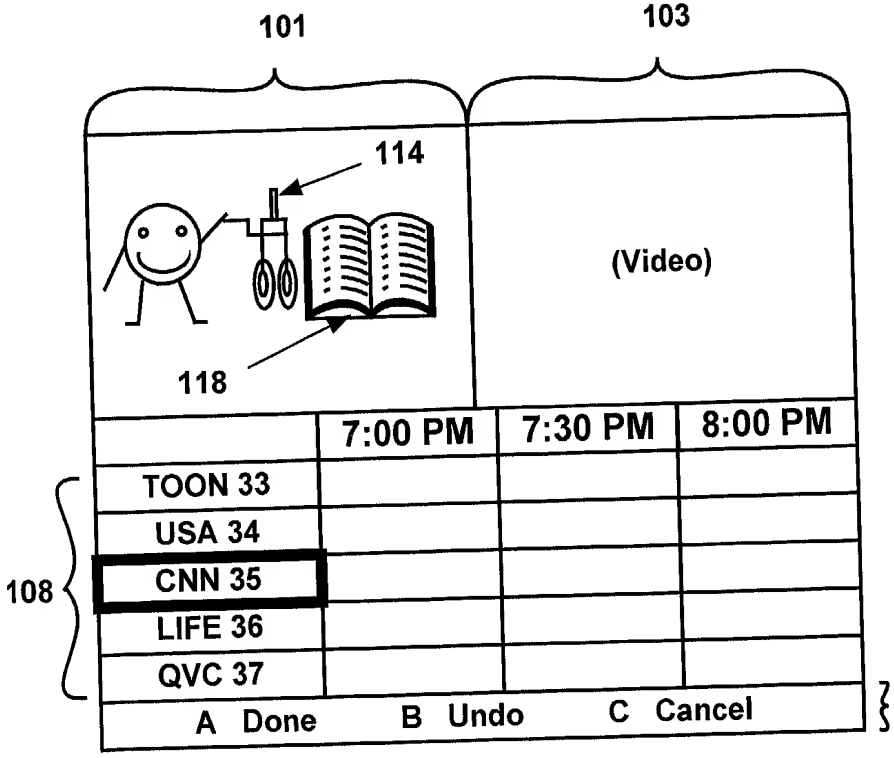

101
103
114
(Video)
118
7:00 PM
7:30 PM
8:00 PM
TOON 33
USA 34
CNN 35
LIFE 36
QVC 37
108
A Done
B Undo
C Cancel
240

FIG. 9D

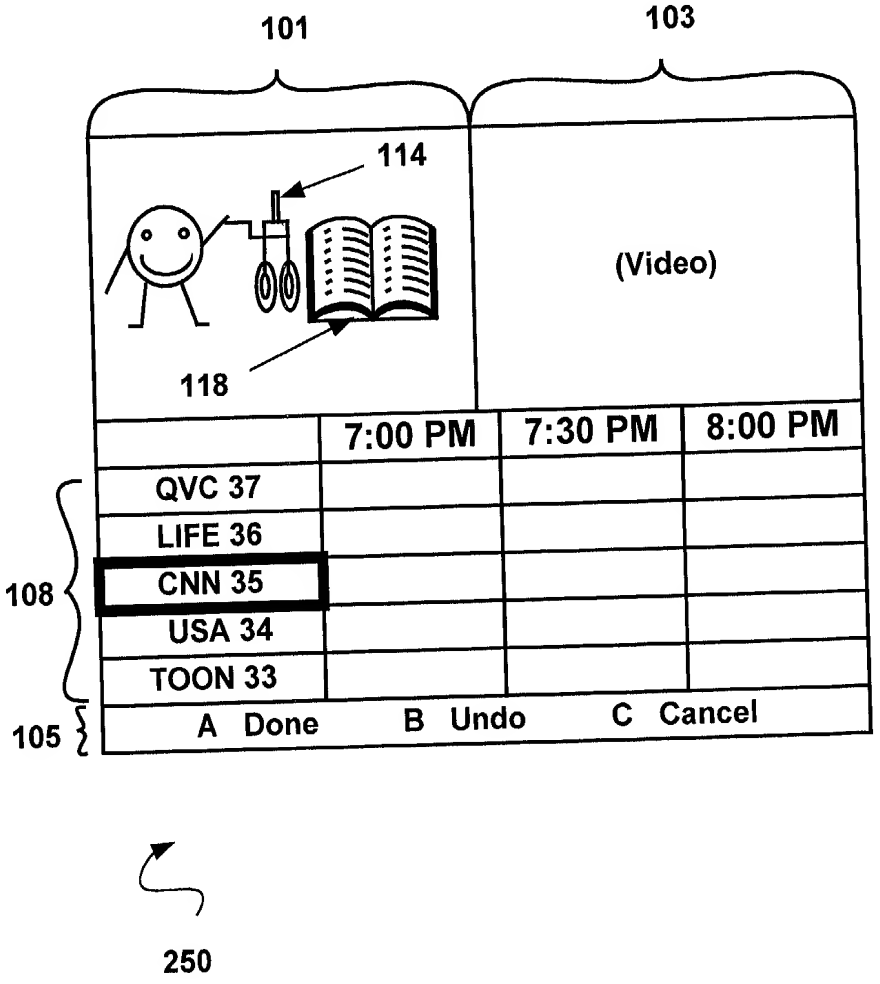

101
103
114
(Video)
118
7:00 PM
7:30 PM
8:00 PM
QVC 37
LIFE 36
CNN 35
USA 34
TOON 33
108
105
A Done
B Undo
C Cancel
250

FIG. 10A

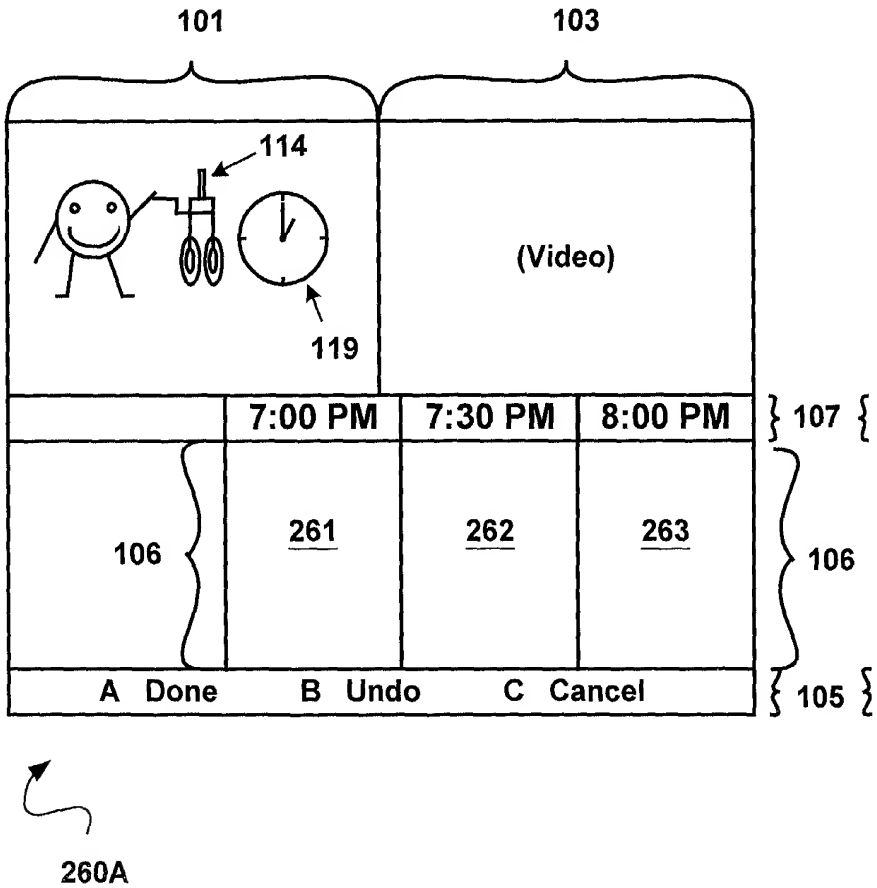


FIG. 10B

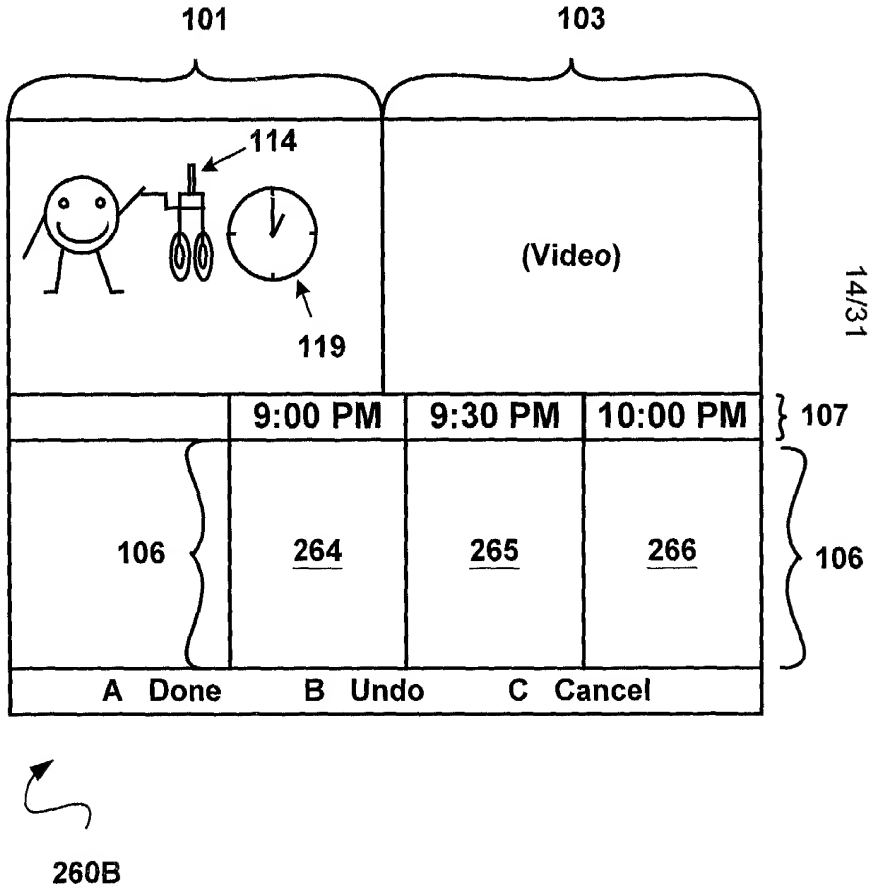


FIG. 10C

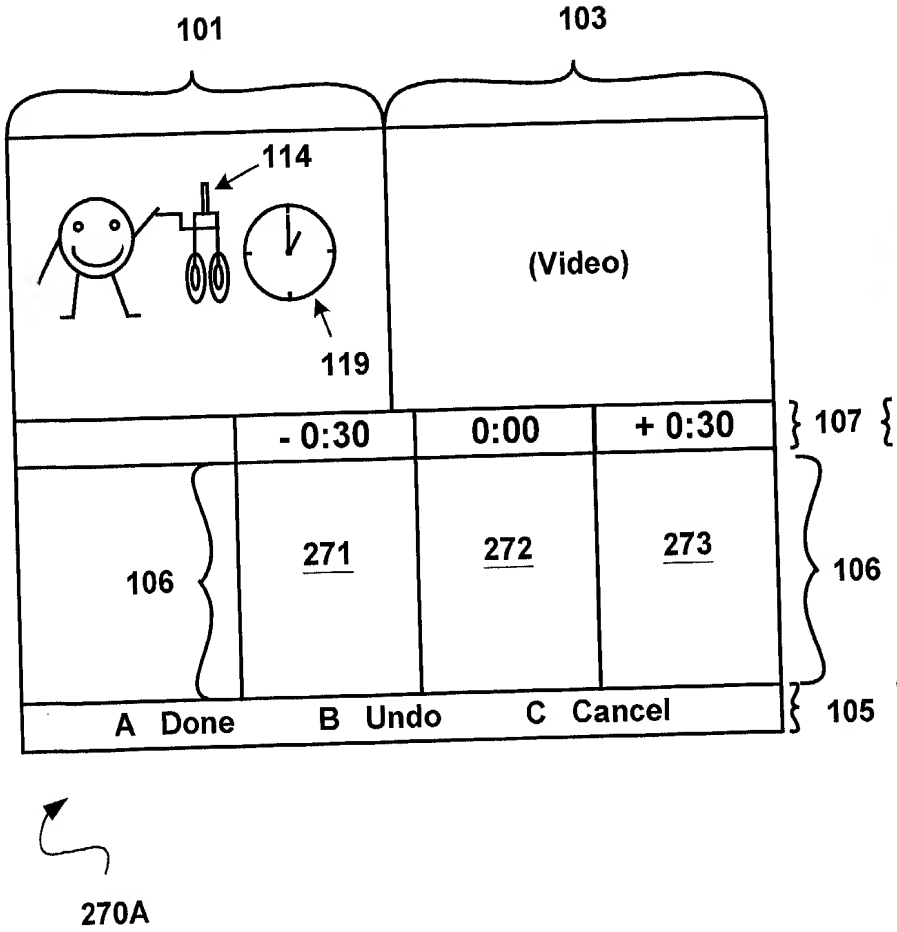


FIG. 10D

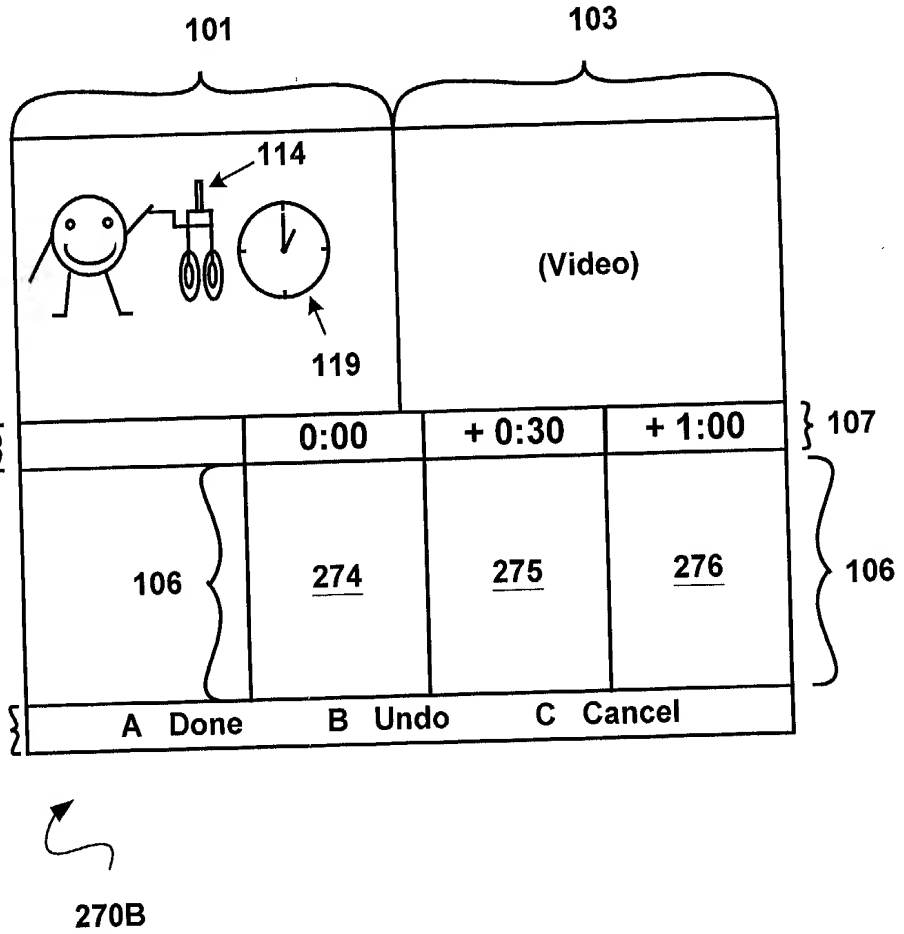


FIG. 11A

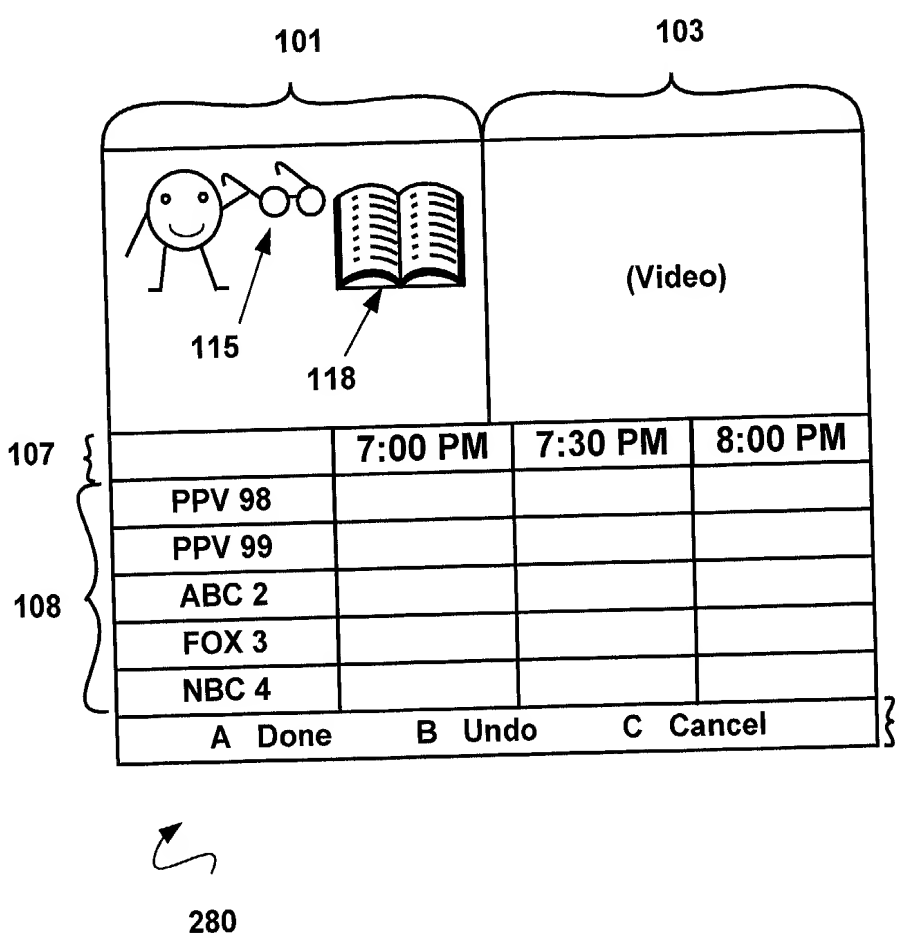
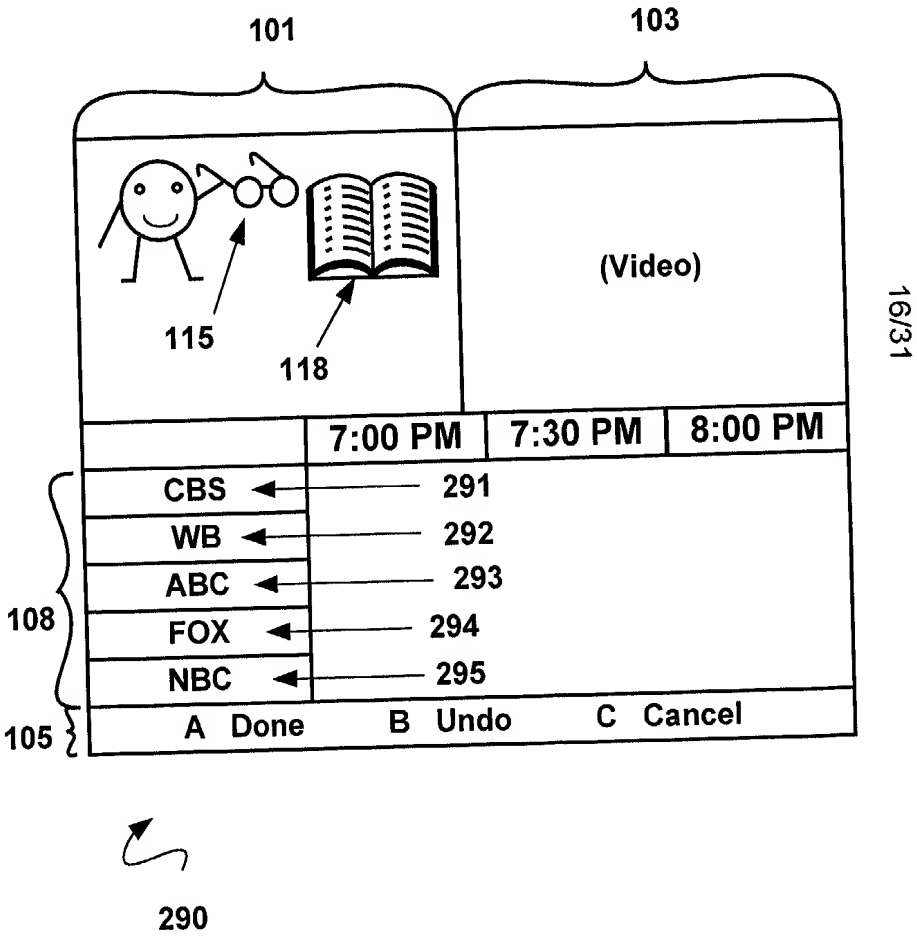


FIG. 11B



TO2080 TTTh2660

FIG. 12A

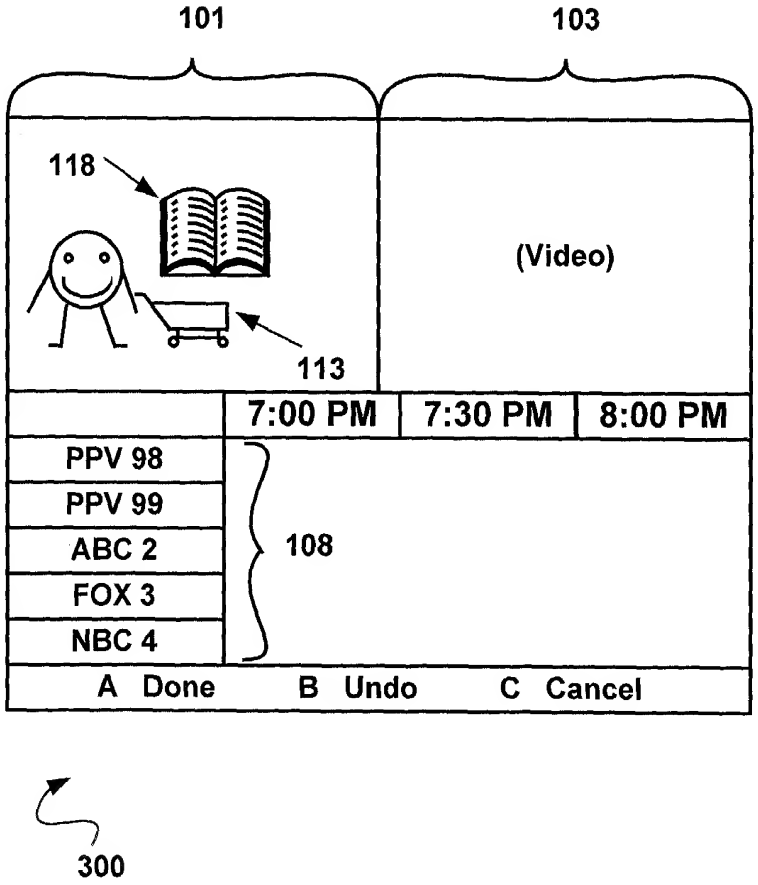


FIG. 12B

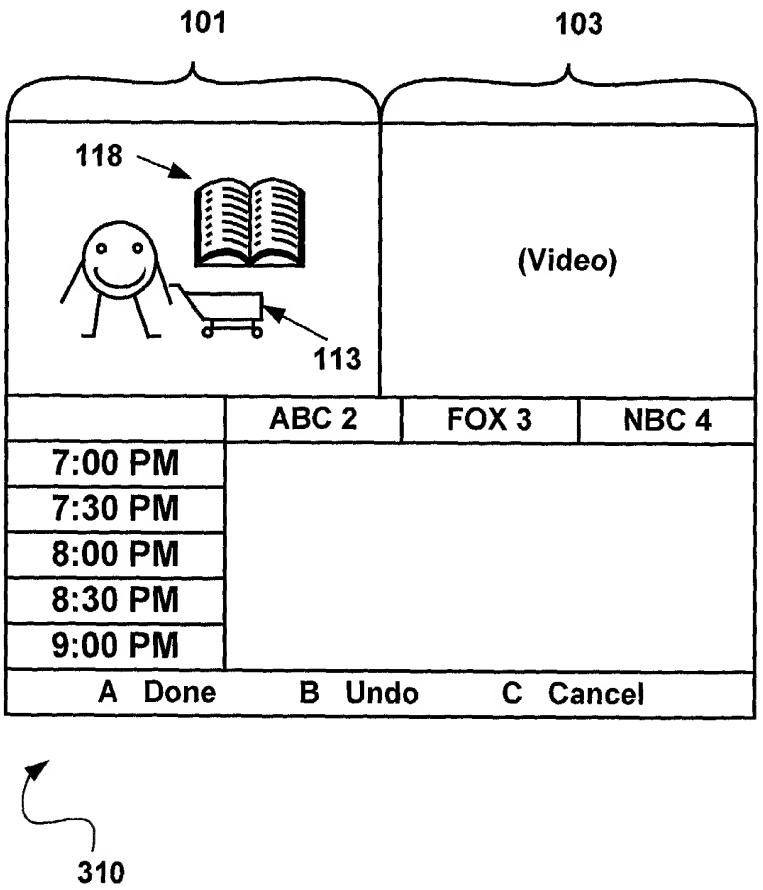


FIG. 12C

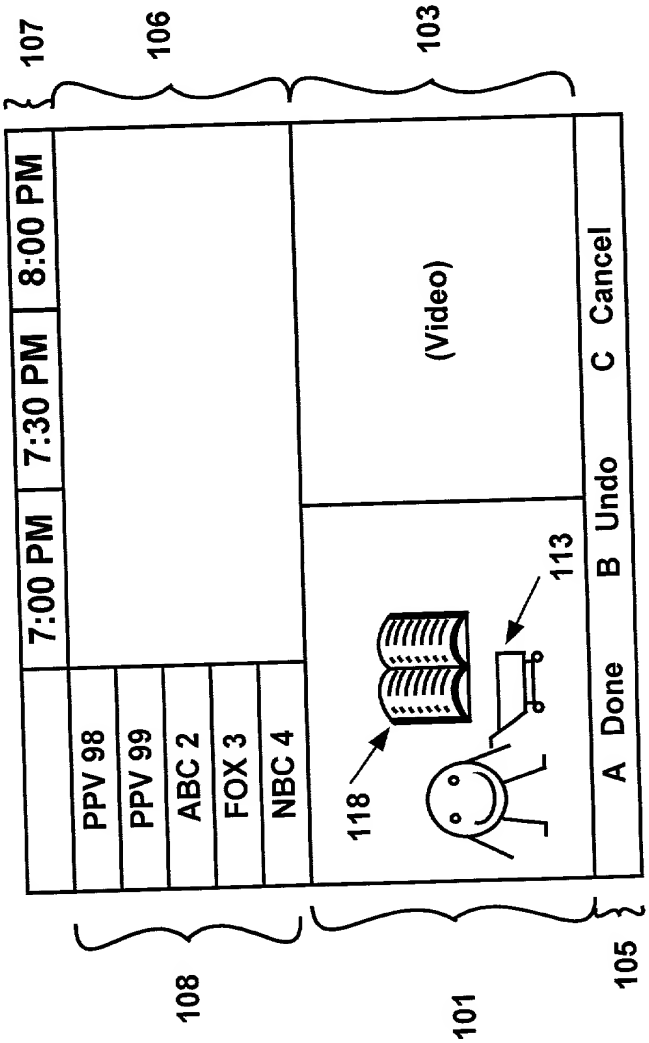

7:00 PM
7:30 PM
8:00 PM
PPV 98
PPV 99
ABC 2
FOX 3
NBC 4
(Video)
118
113
A Done
B Undo
C Cancel
107
106
103
108
101
105
320

FIG. 13A

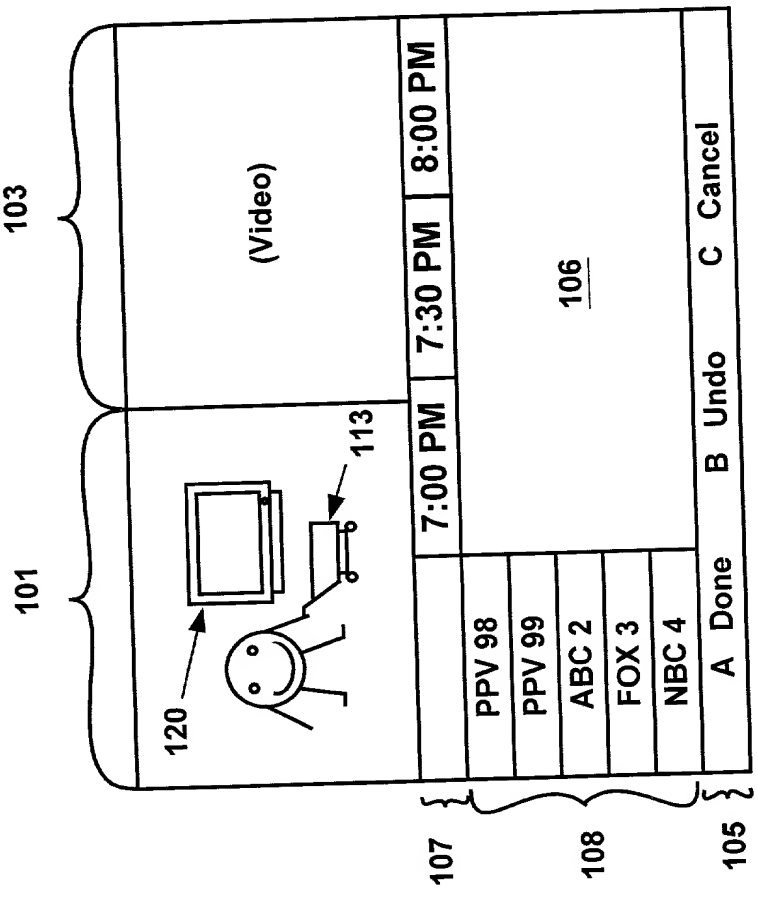

101
103
(Video)
120
113
7:00 PM
7:30 PM
8:00 PM
106
PPV 98
PPV 99
ABC 2
FOX 3
NBC 4
A Done
B Undo
C Cancel
107
108
105
330

FIG. 13B

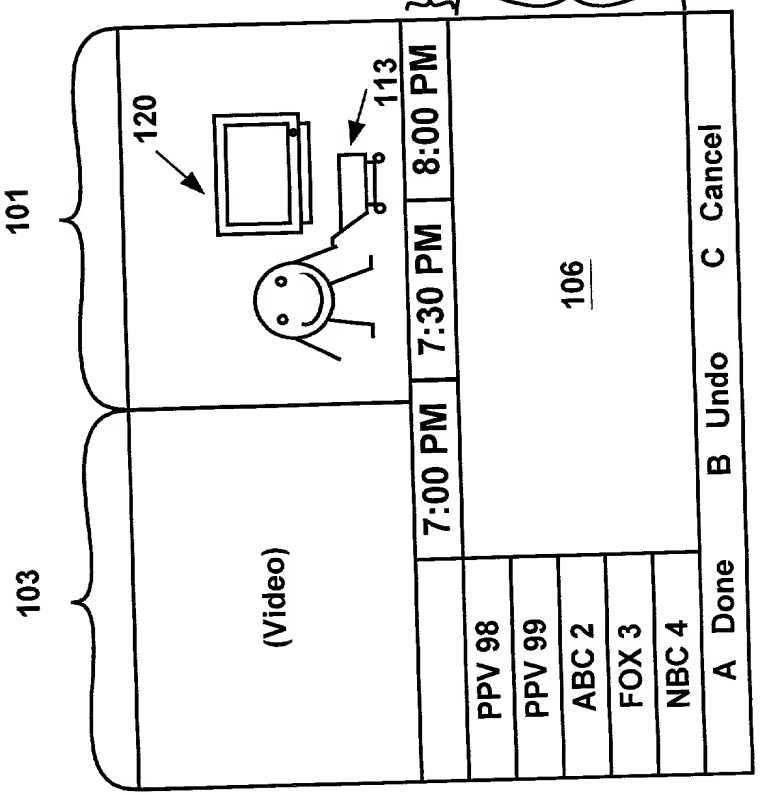


FIG. 13C

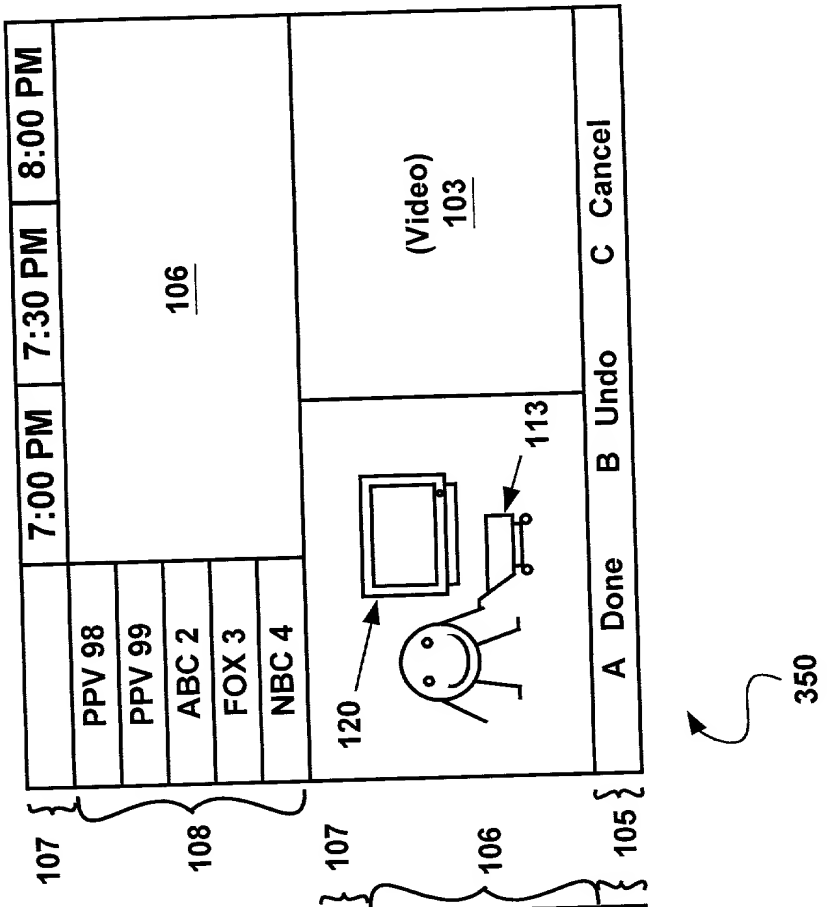


FIG. 14A

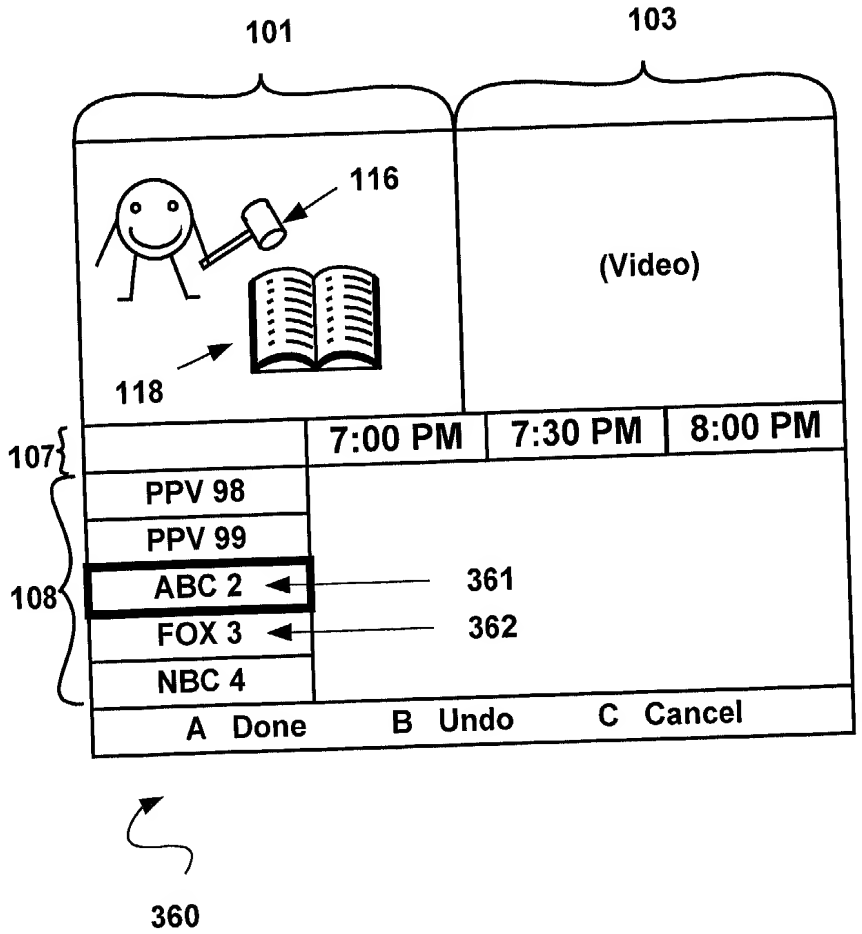


FIG. 14B

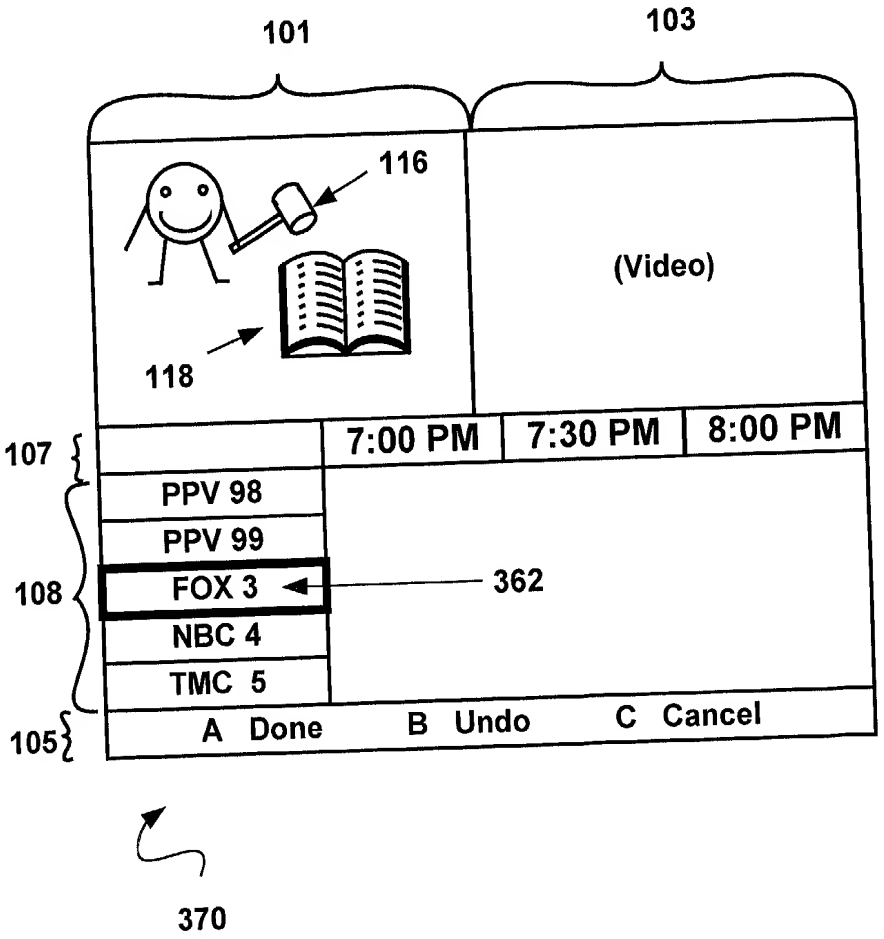


FIG. 15A

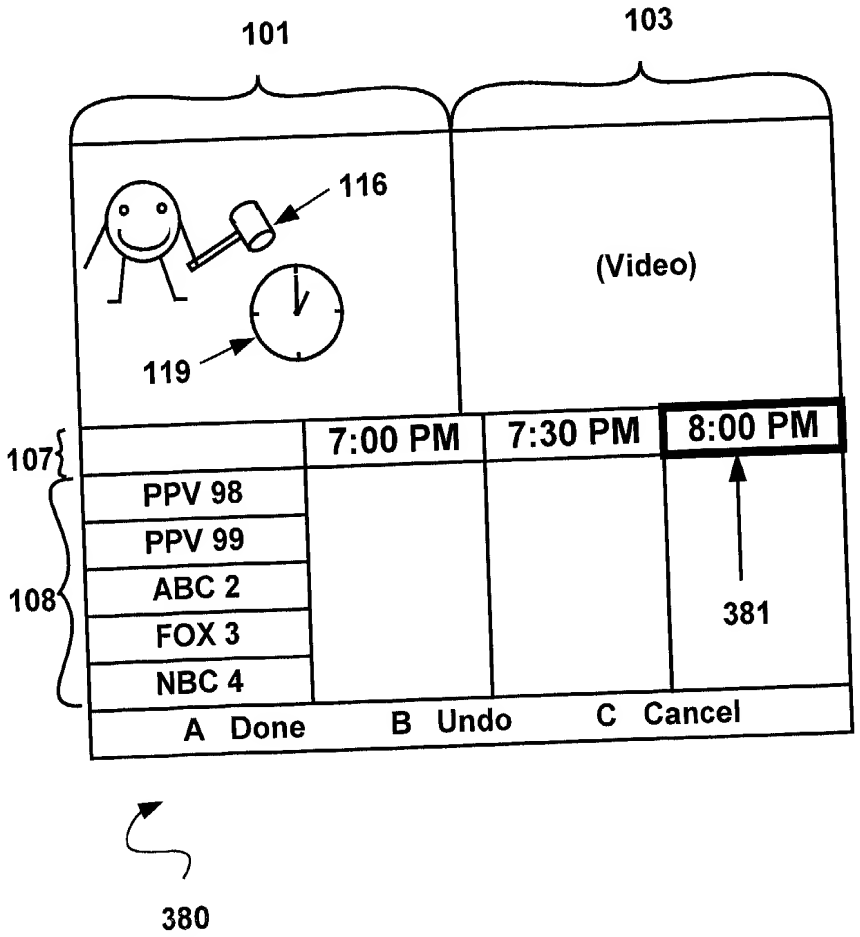


FIG. 15B

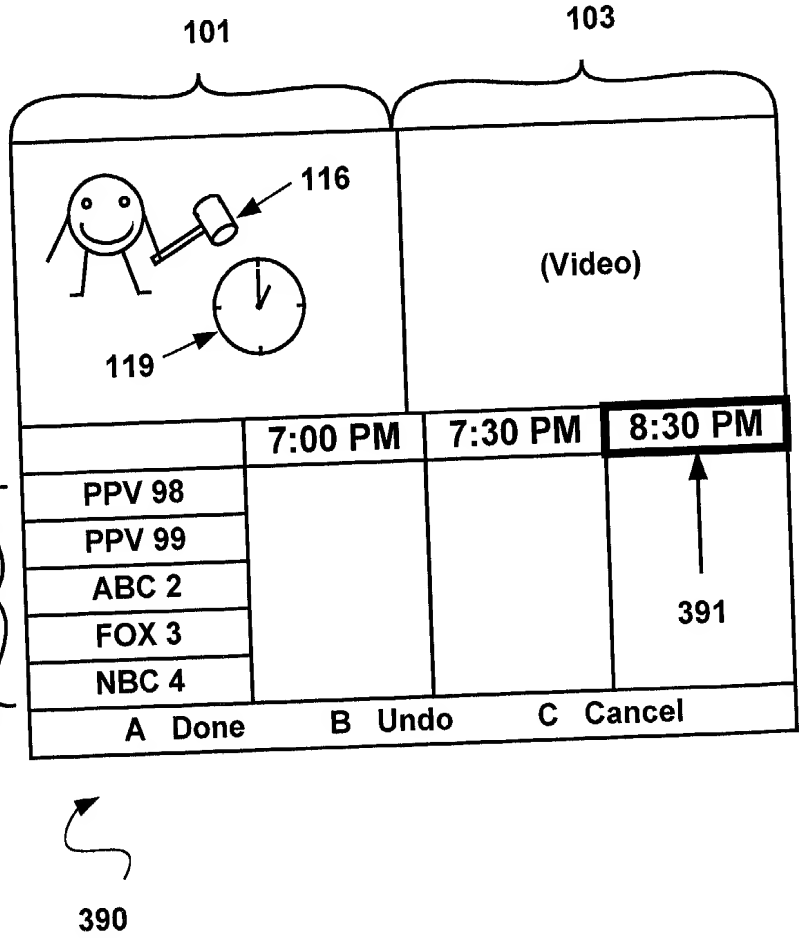


FIG. 16A

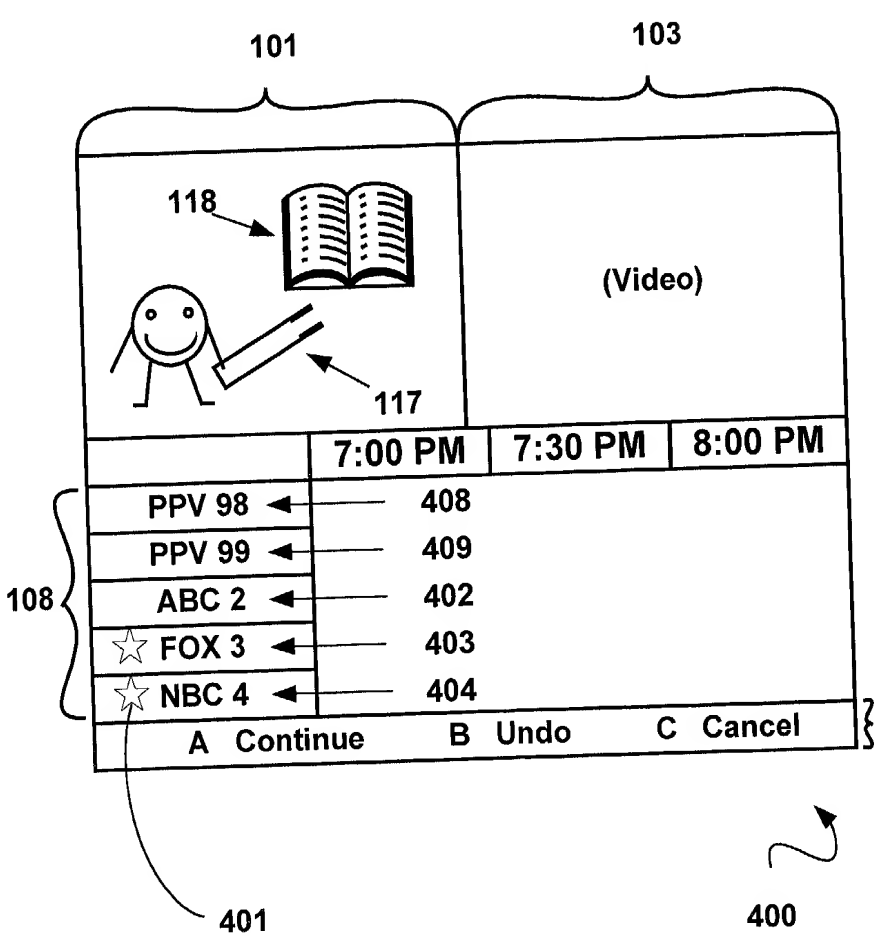


FIG. 16B

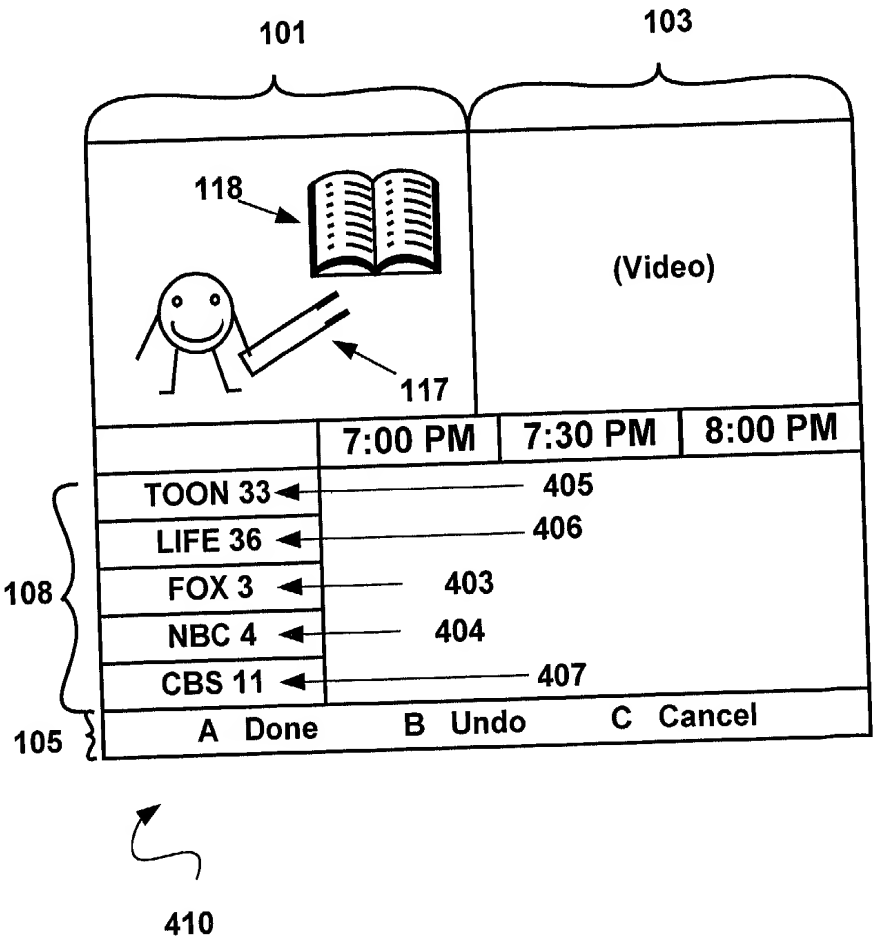


FIG. 17A

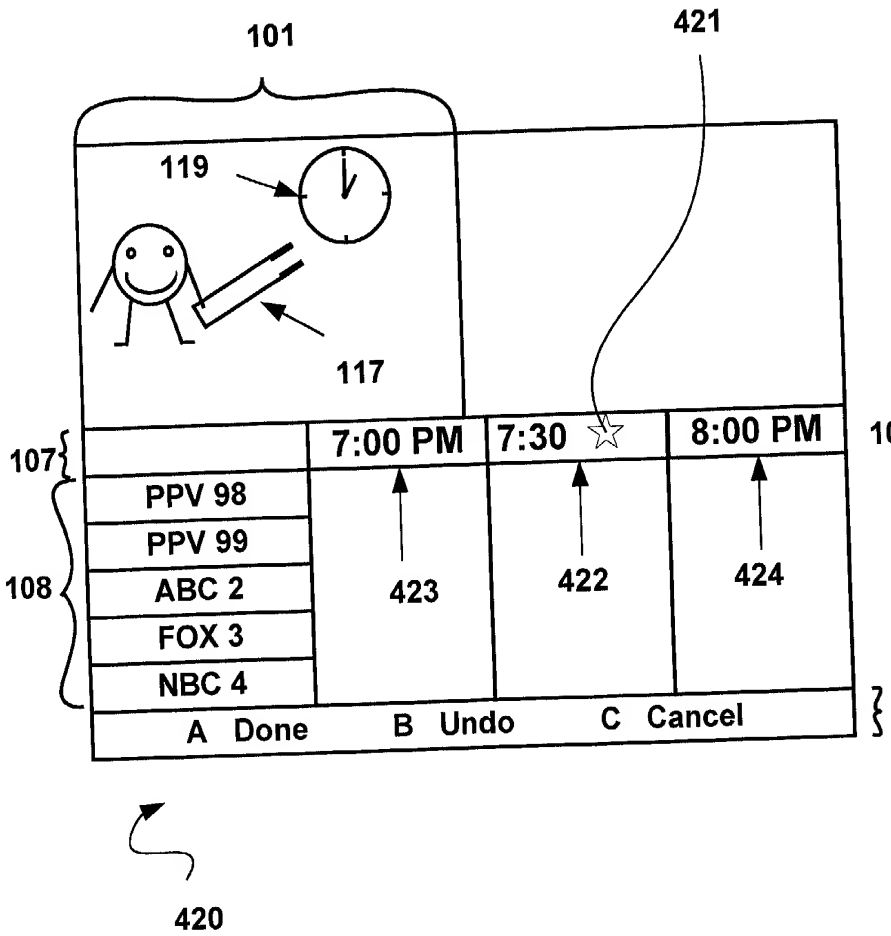


FIG. 17B

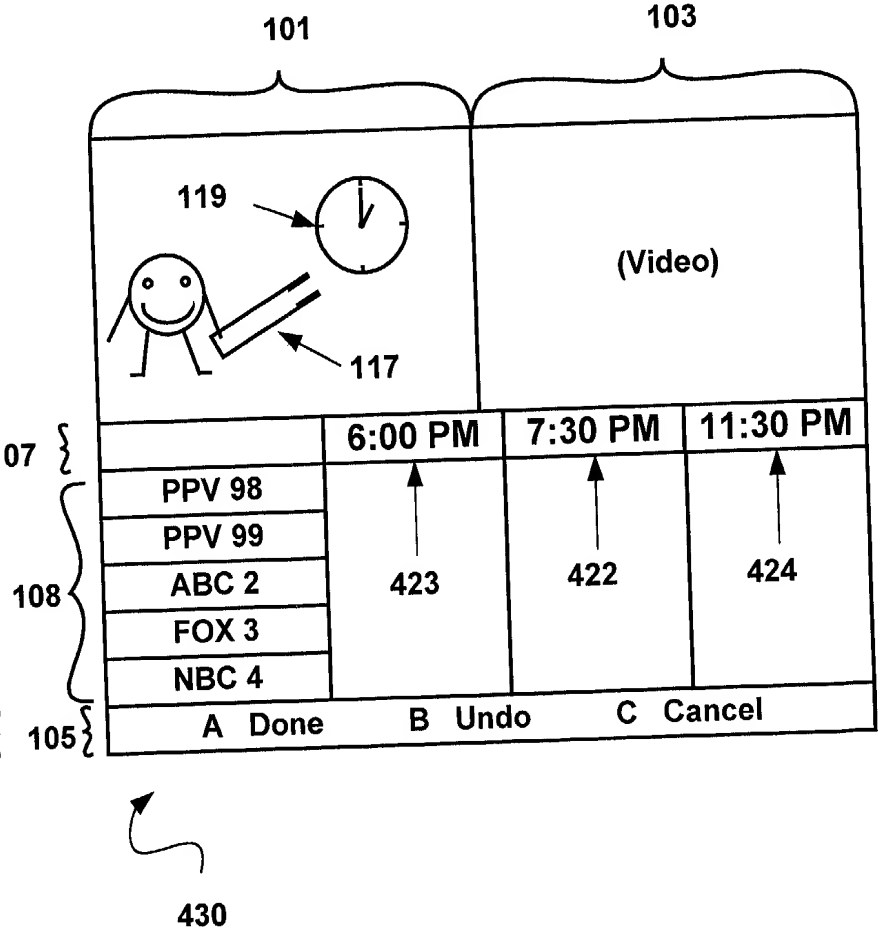


FIG. 18A

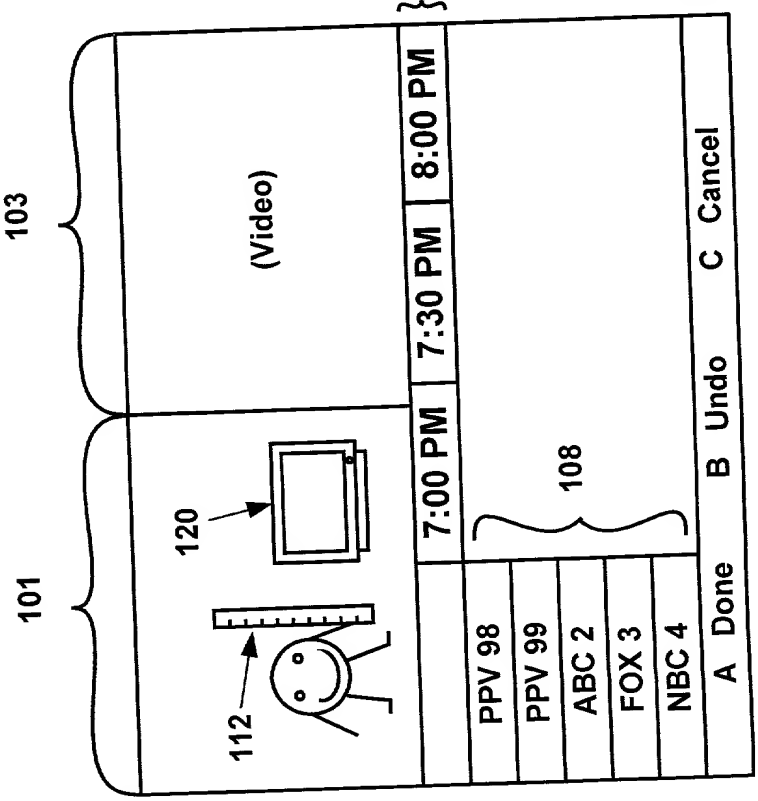
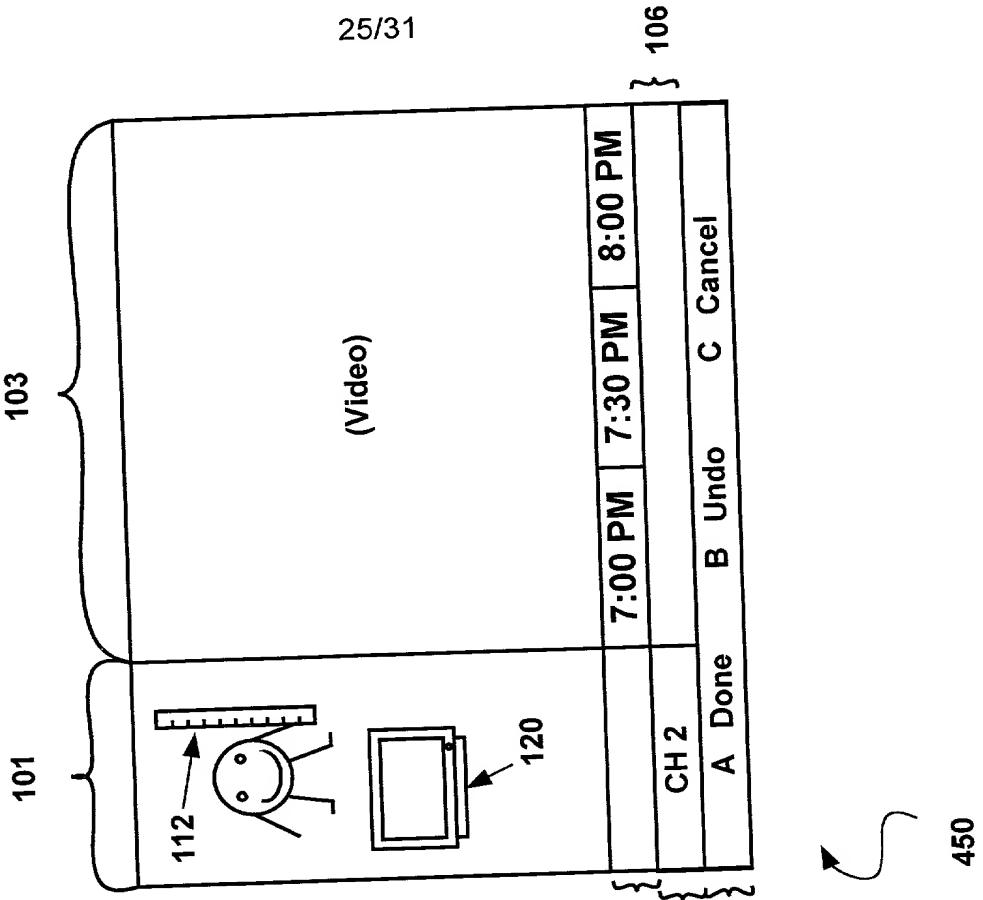


FIG. 18B



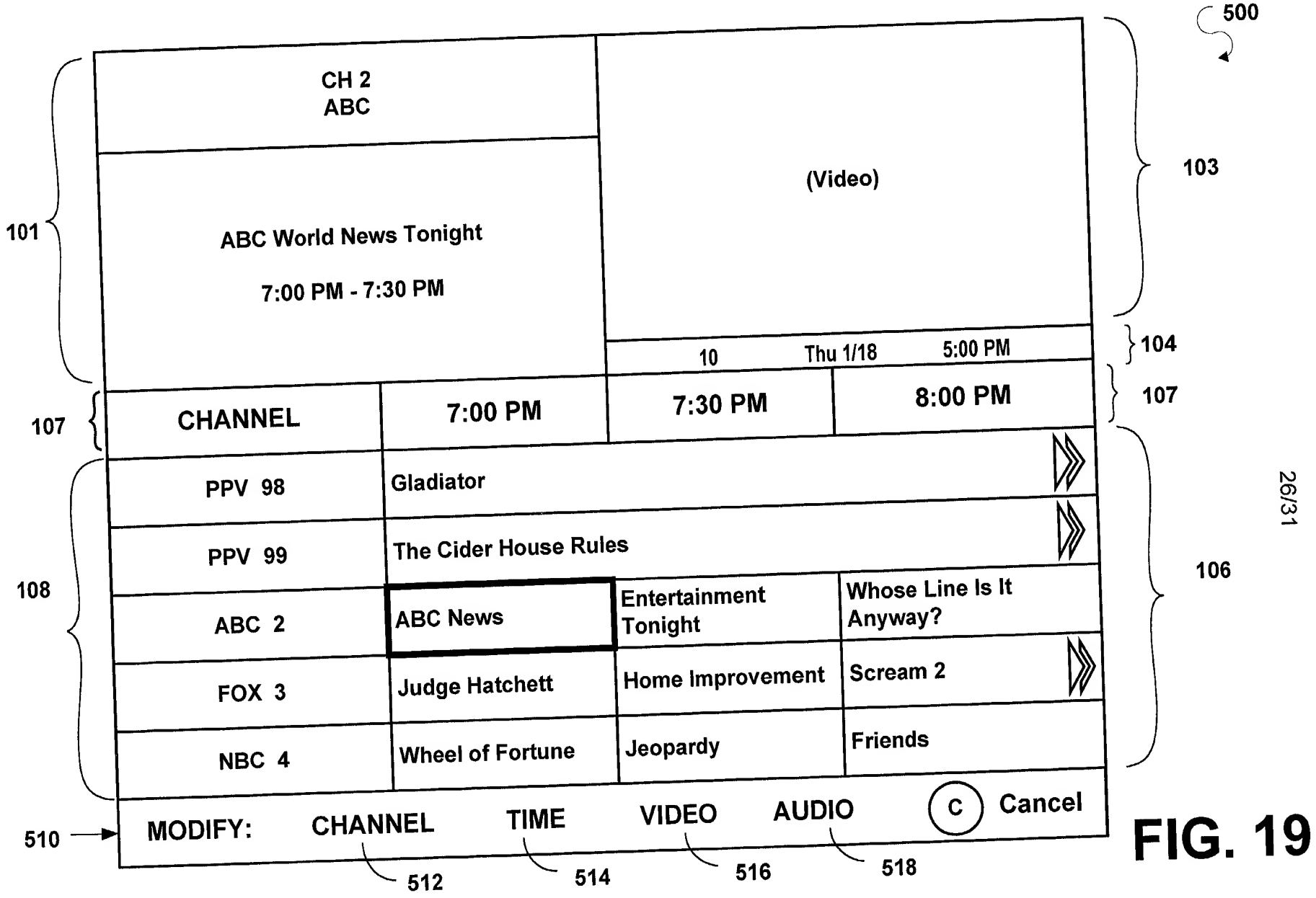

500
CH 2
ABC
(Video)
ABC World News Tonight
7:00 PM - 7:30 PM
101
103
10 Thu 1/18 5:00 PM
104
CHANNEL
7:00 PM
7:30 PM
8:00 PM
107
107
PPV 98
Gladiator
PPV 99
The Cider House Rules
108
106
ABC 2
ABC News
Entertainment Tonight
Whose Line Is It Anyway?
FOX 3
Judge Hatchett
Home Improvement
Scream 2
NBC 4
Wheel of Fortune
Jeopardy
Friends
510
MODIFY:
CHANNEL
TIME
VIDEO
AUDIO
C
Cancel
512
514
516
518

FIG. 19

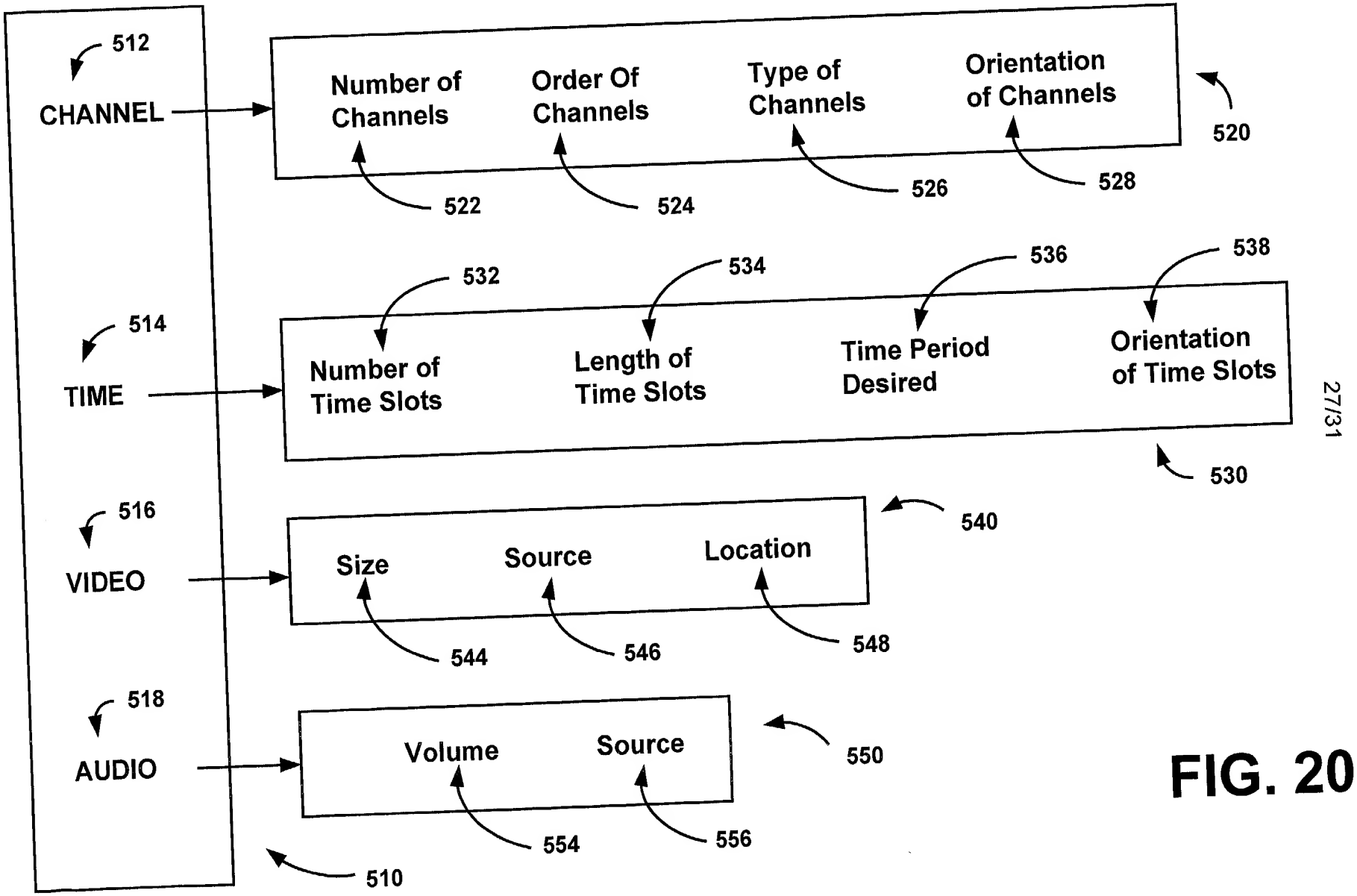

512
CHANNEL
Number of Channels
Order Of Channels
Type of Channels
Orientation of Channels
520
522
524
526
528
514
TIME
532
534
536
538
Number of Time Slots
Length of Time Slots
Time Period Desired
Orientation of Time Slots
530
516
VIDEO
540
Size
Source
Location
544
546
548
518
AUDIO
Volume
Source
550
554
556
510

FIG. 20

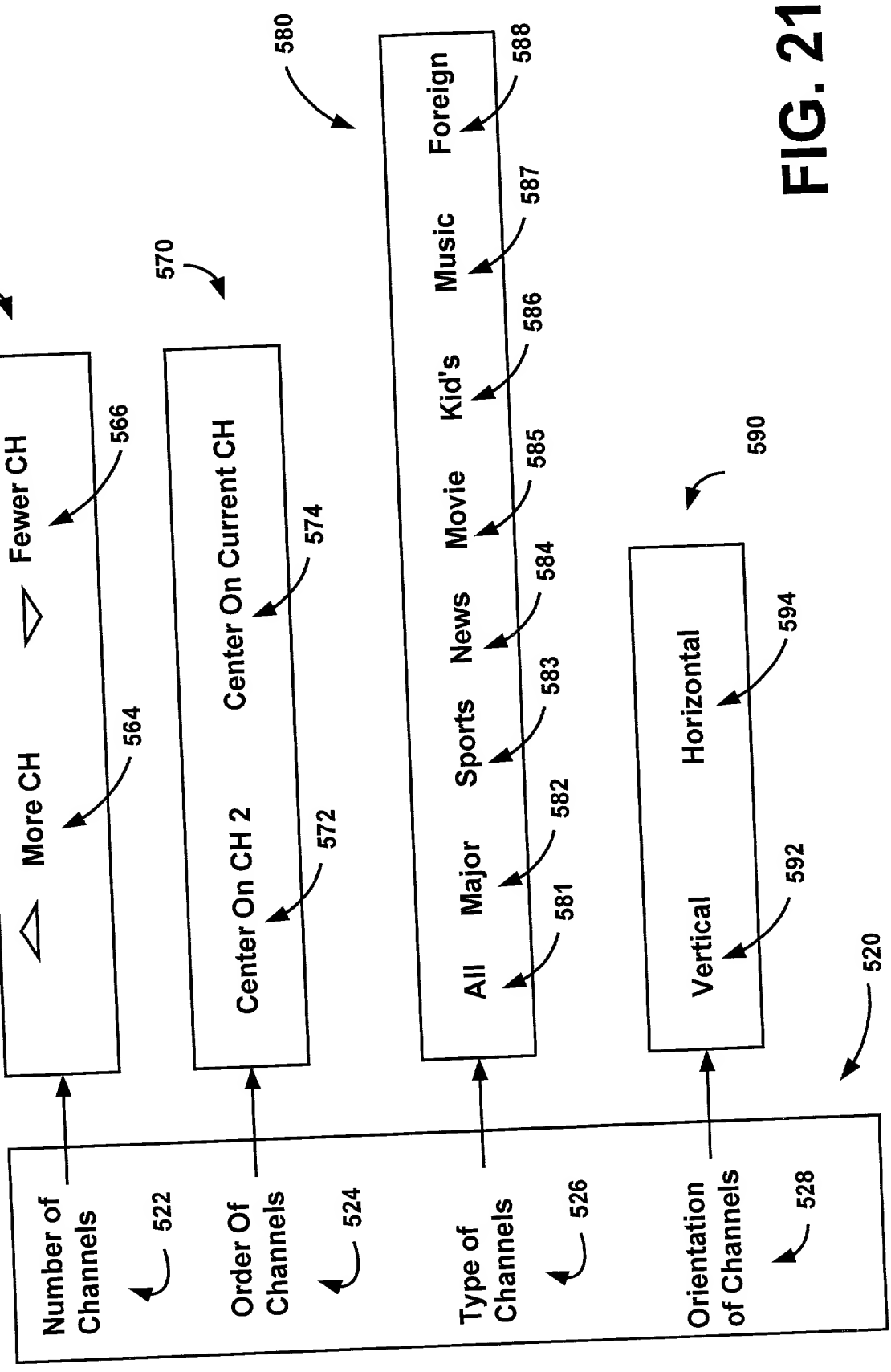

520
Number of Channels
522
560
More CH
564
Fewer CH
566
Order Of Channels
524
570
Center On CH 2
572
Center On Current CH
574
Type of Channels
526
580
All
581
Major
582
Sports
583
News
584
Movie
585
Kid's
586
Music
587
Foreign
588
Orientation of Channels
528
590
Vertical
592
Horizontal
594

FIG. 21

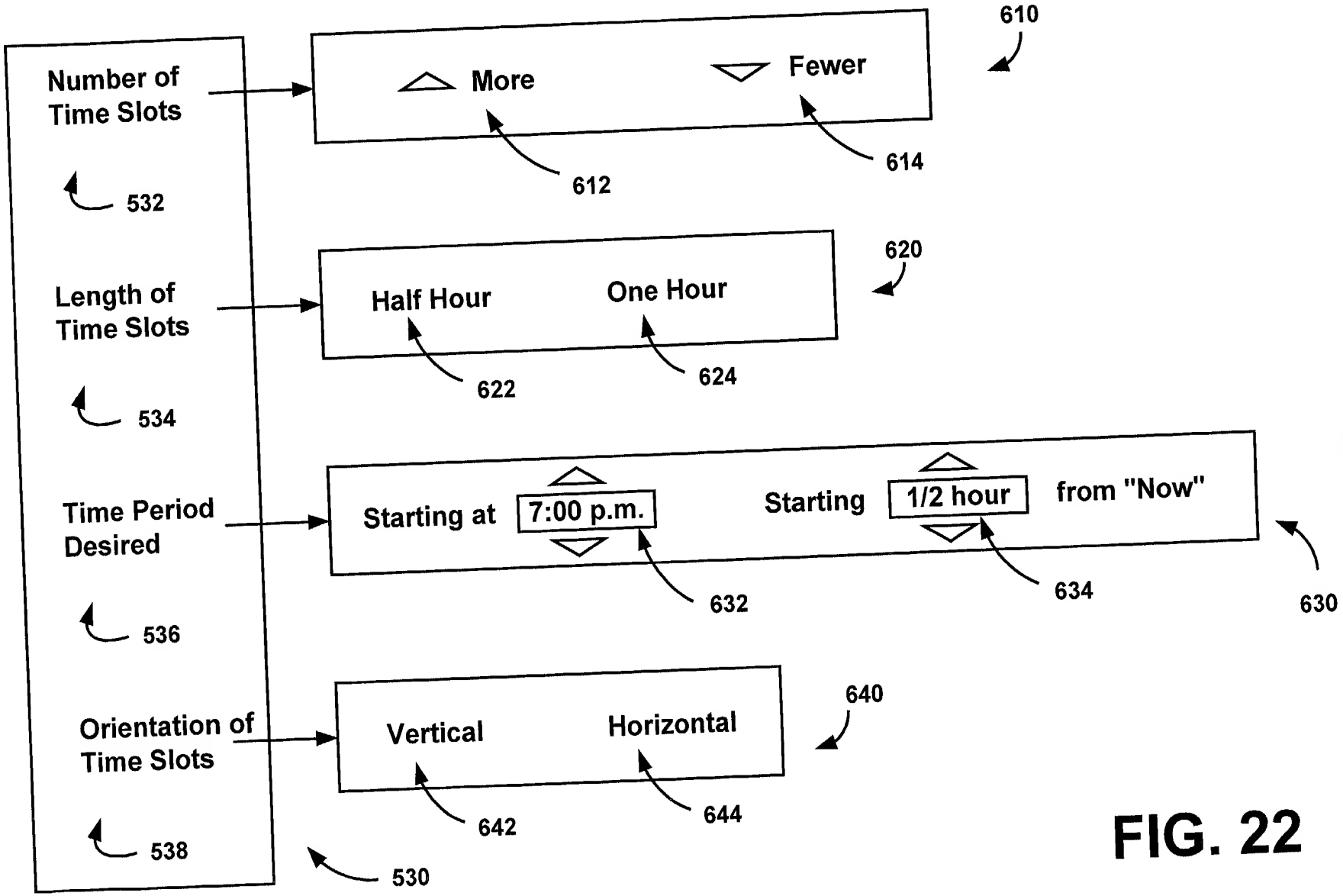

Number of Time Slots
532
More
Fewer
610
612
614
Length of Time Slots
534
Half Hour
One Hour
620
622
624
Time Period Desired
536
Starting at
7:00 p.m.
Starting
1/2 hour
from "Now"
630
632
634
Orientation of Time Slots
538
Vertical
Horizontal
640
642
644
530

FIG. 22

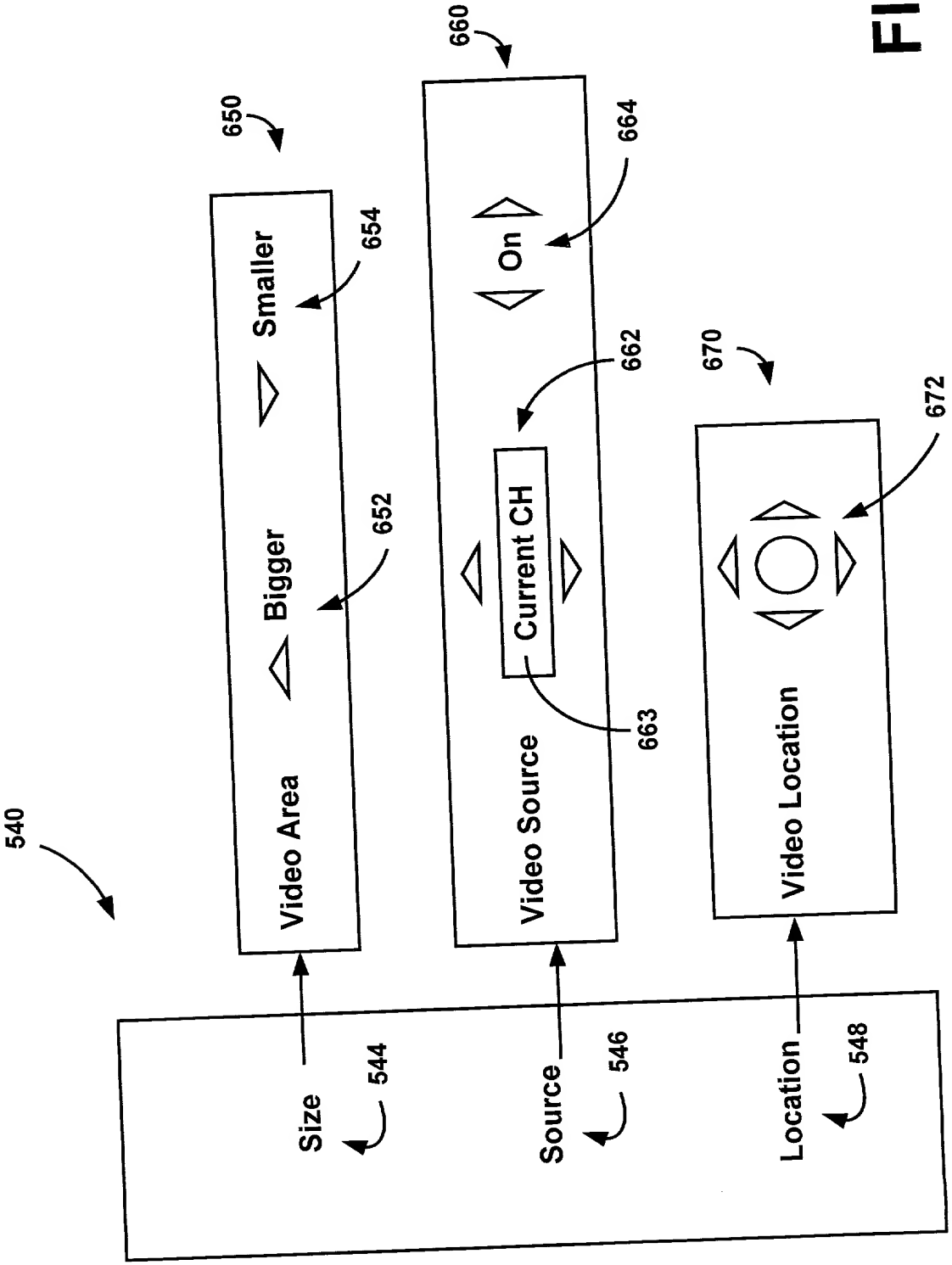

540
Video Area
Bigger
Smaller
650
652
654
Video Source
Current CH
On
660
662
663
664
Video Location
670
672
Size
544
Source
546
Location
548

FIG. 23

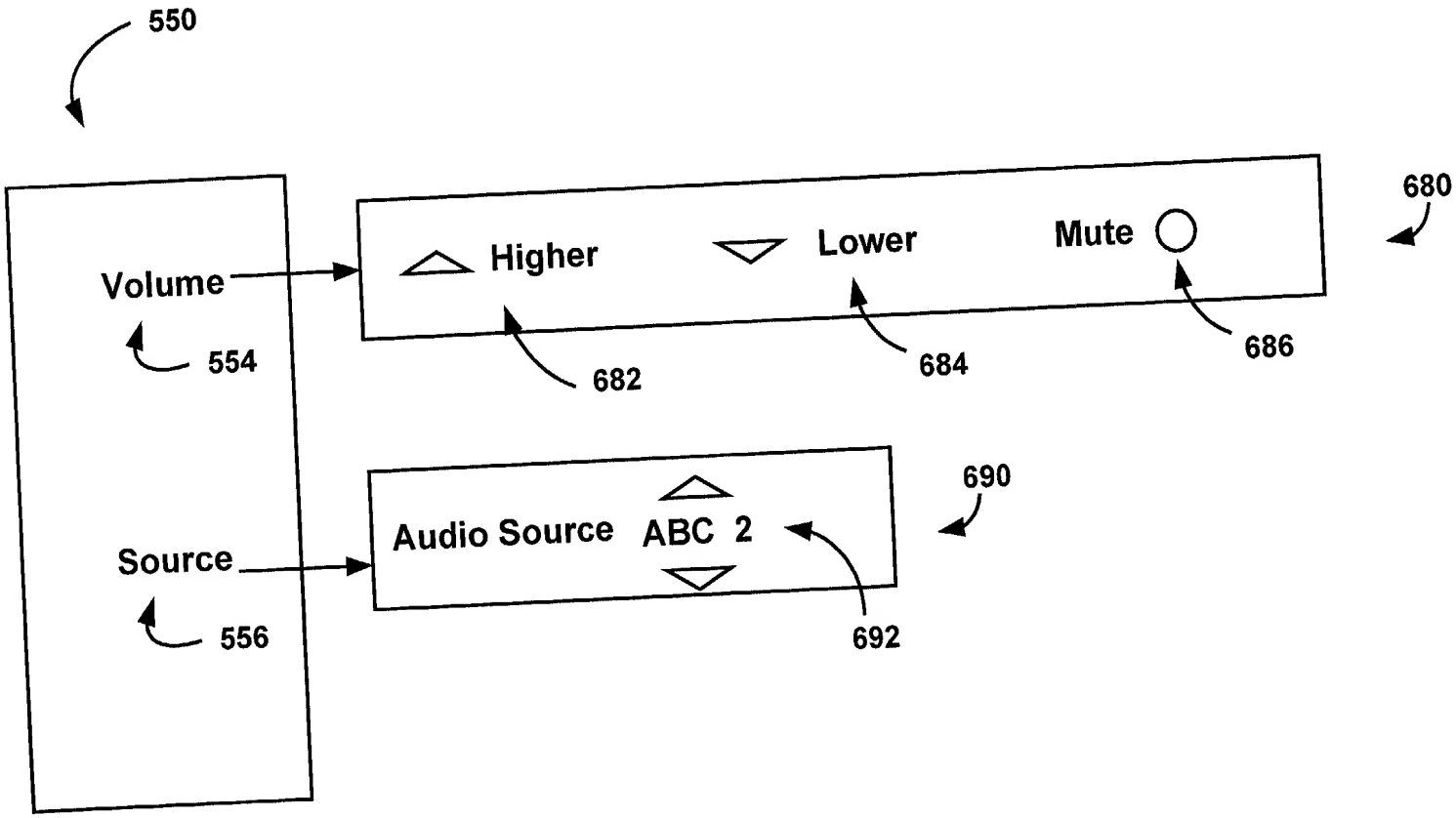

550
Volume
554
Higher
Lower
Mute
680
682
684
686
Source
556
Audio Source
ABC 2
690
692

FIG. 24